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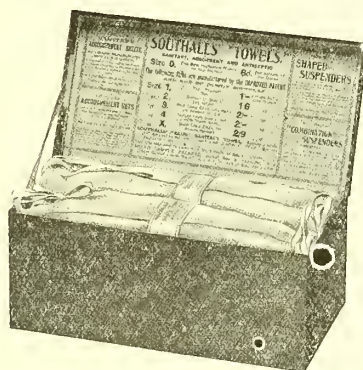
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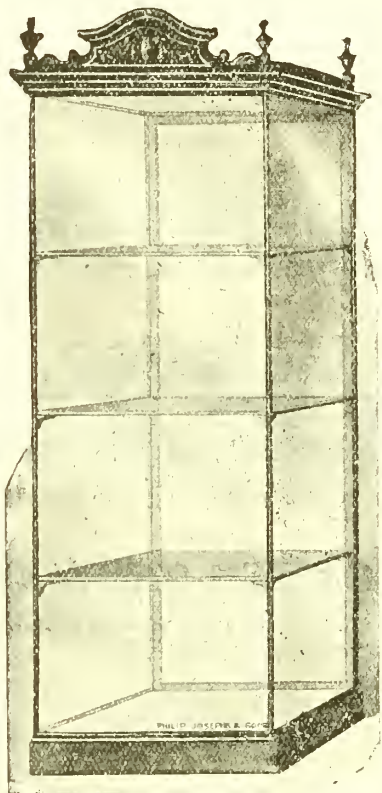
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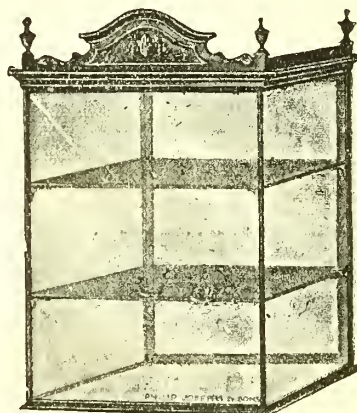
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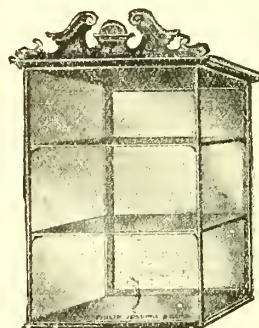
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Maw, S., Son & Sons

Newbery, F., & Sons, Ltd.

Perken, Son, & Co., Ltd.

**CLOTH BALLS**

O'Neil Zetts & Co.

Senior, A., & Co.

**COAL TAR SPECIALITIES**

Wright, Layman & Umney, Ltd.

**COCOA**

Cadbury Bros., Ltd.  
Frame Food Co.  
Oppenheimer, Son & Co., Ltd.

**COLOURS, BEVERAGE, &c.**

Boake (A.), Roberts & Co., Ltd.  
Stevenson & Howell, Ltd.

(See also DAIRY ADJUNCTS)

**COMBS**

Hovenden, R., & Sons, Ltd.  
Kent, G. B., & Sons, Ltd.  
Maw, S., Son & Sons  
May, Roberts & Co.  
Newbery, F., & Sons, Ltd.  
Sangers

**COD-LIVER OIL**

Albretson, A., & Co.  
Allen & Hanburys, Ltd.  
Alliance Drug & Chem. Co.  
Baiss Bros. & Stevenson, Ltd.  
British Drug Houses, Ltd.  
Bush, H. W., & Co., Ltd.  
Devold, Peder  
Evans Sons Lescher & Webb, Ltd.  
Goodall, Backhouse & Co.  
Lloyd, T. Howard & Co.  
Oldfield, Pattinson & Co.  
Southall Bros. & Barclay, Ltd.  
Woolley, Jas., Sons & Co., Ltd.  
Wright, Layman & Umney, Ltd.  
Zimmermann, A. & M.  
Zimmermann, C., & Co.

**CORKS**

Mitchell, N. W., & Sons, Ltd.

**CORN CURE**

Edwards, S.

**CORN FILE**

Lindsey, T. C., & Co., Ltd.

**COUNTER ADJUNCTS**

Evans Sons Lescher & Webb, Ltd.

**COUNTER SPECIALITIES**

Allen & Hanburys, Ltd.  
British Drug Houses, Ltd.  
Hewlett, C. J., & Son  
Newbery, F., & Sons, Ltd.  
Southall Bros. & Barclay, Ltd.  
Woolleys, Ltd.

**CREAM OF TARTAR**

British Drug Houses, Ltd.

**CREOSOTE**

Baiss Bros. & Stevenson, Ltd.  
Burt, Boulton & Haywood  
Morson, T., & Son

**CREPE BANDAGE**

Gimber, W., & Son  
Norwich Crêpe Co. (1856), Ltd.  
Wood, Vincent

**CYANIDES**

May & Baker, Ltd.

**DAIRY SPECIALITIES**

Benger's Food, Ltd.  
Fullwood, R. J., & Bland  
Oldfield, Pattinson & Co.  
Tomlinson & Hayward, Ltd.

**DEMIJOHNS**

Brett, E., & Co., Ltd.

**DENTAL INSTRUMENTS**

Hatrick, James L., & Co., Ltd.

**DENTAL MECHANICS**

Chalk, George, & Co.  
Fentiman, A. G.  
Fentiman, A. J., & Co.  
Halder, E. C.  
Last & White.  
Wardale & Co.

**DENTIFRICES**

Beecham, T.  
Beiersdorf, P., & Co.  
Bell, John, Hills & Lucas, Ltd.  
Blackie, R.  
Burroughs Wellcome & Co.  
Calvert, F. C., & Co.  
Christy, T., & Co.  
Cook, E., & Co., Ltd.  
Eury, J., Ltd.  
Hall & Ruckel  
Jewsbury & Brown  
Lambert Pharmaceutical Co.  
McKesson & Robbins  
Maw, S., Son & Sons  
Newbery, F., & Sons, Ltd.  
Odol Chemical Works  
Standard Tablet & Pill Co.  
Woods, W., & Son  
Woolley, J., Sons & Co., Ltd.

**DIABETIC BREAD AND FOOD**

Callard & Co.

Van Abbott, G. J., & Sons

**DIGESTIVE PRODUCTS**

Armour & Co., Ltd.  
Benger's Food, Ltd.  
Fairchild Bros. & Foster  
Parke, Davis & Co.  
Squire & Sons  
Zimmermann, C., & Co.

**DISINFECTANTS**

Baiss Bros. & Stevenson, Ltd.  
Burt, Boulton & Haywood, Ltd.  
Calvert, F. C., & Co.  
Condy & Mitchell, Ltd.  
Cook, E., & Co., Ltd.  
Dalmas, A. de St., & Co.  
Edwards, W., & Son  
Jeyes' Sanitary Compounds, Ltd.  
Kay Bros., Ltd.  
Lambert Pharmaceutical Co.  
Roberts, Cornford & Co.  
Sanitas Co., Ltd.  
Tomlinson & Hayward, Ltd.  
Willows, Francis B. & T.  
Wright, Layman & Umney, Ltd.  
Zimmermann, C., & Co.

**DOSE REGULATORS**

Reuter, R. J.

**DRUGGISTS' SUNDRIES**

Ayrton, Saunders & Co., Ltd.  
Barclay & Sons, Ltd.  
Berliner, Arthur  
Burge, Warren & Ridgley  
Bush, H. W., & Co., Ltd.  
Chemists' Co-operative Wholesale  
Christy, T., & Co.  
Cook, Alfred, & Co.  
Edwards, W., & Son  
Evans Sons Lescher & Webb  
Fecher, M. J.  
Gutmann, A. E., & Co.  
Hatrick, James L., & Co., Ltd.  
Hay, J. B., & Co.  
Hewlett, C. J., & Sons  
Hovenden, R., & Sons, Ltd.  
Johnsen & Jorgensen, Ltd.  
Lennon, Ltd.  
Maw, S., Son & Sons  
May, Roberts & Co.  
Murdoch, John, & Co.  
Newbery, F., & Sons, Ltd.  
Poths, H., & Co.  
Quelch, H. C., & Co.  
Reuter, R. J.  
Sangers  
Schutze, F., & Co.  
Solport Bros.  
Southall Bros. & Barclay, Ltd.  
Tidman & Son, Ltd.  
Toogood, W., Ltd.  
Viscose Co., Ltd.  
Wilkinson & Simpson, Ltd.  
Wood, Vincent  
Woolley, J., Sons & Co.

**DRUGS, CRUDE**

Holzmueller & Schmidt  
Horner & Sons  
Potter & Clarke, Ltd.  
Ransom, W., & Son  
Salle, H., & Cie.  
Wilkinson & Simpson, Ltd.

**DYES**

Judson, D., & Son

Whitaker & Co.

**EAU DE COLOGNE**

Breidenbach & Co.  
Farina, J. M. (No. 4)  
Pickus, Courtenay & Co.  
McCracken, J., & R.  
Schutze, F., & Co.  
**EDUCATIONAL INSTITUTIONS**  
Bath and West of England College of Pharmacy  
Birmingham and Midland College of Pharmacy  
British Optical Institute  
Edinburgh Central School of Pharmacy  
Glasgow School of Pharmacy  
Leeds College of Pharmacy  
Liverpool School of Pharmacy  
London College of Pharmacy  
Manchester College of Pharmacy  
Muter's (So. Lond.) School of Pharmacy  
North of England School of Pharmacy  
North Stafford School of Pharmacy  
Northern College of Pharmacy  
Pharmaceutical Society's School of Pharmacy  
South of England College of Pharmacy  
University of Birmingham  
Westminster College of Pharmacy

**EFFERVESCENT PREPS.**

Allen & Hanburys, Ltd.  
Bishop, Alfred, Ltd.  
Blackie, R.  
Bristol-Myers Co.  
Cox, A. H., & Co., Ltd.  
Evans Sons Lescher & Webb, Ltd.  
Goodall, Backhouse & Co.  
Kutnow, S., & Co., Ltd.  
Lloyd, T. Howard & Co.  
Lorimer & Co., Ltd.  
Newball & Mason  
Potter & Clarke  
Standard Tablet & Pill Co.  
Sturge, John & E.  
Tidman & Son, Ltd.  
Tyrer, T., & Co., Ltd.  
Wright, Layman & Umney  
**ELASTIC HOSIERY**  
Ayrton, Saunders & Co., Ltd.  
Berliner, Arthur  
Burge, Warren & Ridgley, Ltd.  
Haywood, J. H.  
Maw, S., Son & Sons  
Wood, Vincent



**EMERY AND CLOTH**

Oakey, J., &amp; Sons, Ltd.

**EMULSIONS, COD - LIVER OIL, ETC.**

Allen & Hanburys, Ltd.  
Ayrton, Saunders & Co.  
Baiss Bros. & Stevenson, Ltd.  
Blackie, Robert  
British Drng Housess, Ltd.  
Evans Sons Lescher & Webb, Ltd.  
Fanning, F. H., & Co.  
Harker, Stagg & Morgan, Ltd.  
Lorimer & Co., Ltd.  
Oldfield, Pattinson & Co.  
Scott & Bowne, Ltd.  
Parke, Davis & Co.  
Woolley, Jas., Sons & Co.  
Woolleys, Ltd.

**ENEMAS**

Bailey, W. H., & Son  
Burge, Warren & Ridgley  
Daval Rnhher Co.  
Hatricks, James L., & Co., Ltd.  
Hay, J. B., & Co.  
Ingram, J. G., & Son  
Maw, S., Son & Sons  
Toogood, W., Ltd.  
Warne, W., & Co., Ltd.

**ENTOMOLOGICAL****APPARATUS**

Watkins &amp; Doncaster

**EPSOM SALTS**

Howards &amp; Sons, Ltd.

**ESSENCES, CONCRETE**

Cresp-Martineq  
Lautier Fils  
Murray, O., & Co., Ltd.  
Roure-Bertrand fils  
Schmoller & Bompard

**ESSENCES, SOL, AND FRUIT**

Alliance Drug & Chem. Co.  
Baiss Bros. & Stevenson, Ltd.  
Barnett & Foster  
Boake (A.), Roberts & Co., Ltd.  
Bnsb, W. J., & Co., Ltd.  
Evans Sons Lescher & Webb  
Hay, Wm., Ltd.  
Lantier Fils  
London Essence Co.  
Lorimer & Co., Ltd.  
Newball & Mason  
Roure-Bertrand fils  
Spencer, J., Son & Co.  
Stevenson & Howell, Ltd.  
Zimmermann, A. & M.

**ETHERS**

Baiss Bros. & Stevenson, Ltd.  
Macfarlan, J. F., & Co.  
May & Baker, Ltd.  
Tyrrer, T., & Co., Ltd.  
White, A., & Sons

**EUCALYPTUS OIL**

British Drug Houses, Ltd.  
Baiss Bros. & Stevenson, Ltd.

**EXTRACT OF HERBS**

Newball &amp; Mason

Potter &amp; Clarke

**EXTRACTS (MEDICINAL)**

Allen, Stafford, & Sons, Ltd.  
Chemists' Co-operative Wholesale  
Hewlett, O. J., & Son  
Parke, Davis & Co.  
Ransom, W., & Son  
(See also WHOLESALE DRUGGISTS)

**FEEDING BOTTLES**

Brenitt, E., &amp; Co., Ltd.

Fecher, M. J.

Hovenden, R., &amp; Sons, Ltd.

Kilner Bros., Ltd.

Maw, S., Son &amp; Sons

Sangers'

Southall Bros. &amp; Barclay, Ltd.

**FILTERS (WATER)**

Berkefeld Filter Co., Ltd.

**FLESH GLOVES**

Sangers'

**FLYCATCHERS**

Alabastine Co. (British), Ltd.  
Deansmere Manfg. Co.  
Flykatocho  
Ford, Shapland & Co.  
Frowein, O.  
Kay Bros., Ltd.  
Smith, J. H., & Co.  
Strong, Cbristy  
Tunbridge & Wright

**FOODS, INFANTS'**

Allen & Hanburys, Ltd.  
Benger's Food, Ltd.  
Frame Food Co., Ltd.  
Loftbouse & Saltner  
Natural Food Co., Ltd.  
Willows, Francis, B. & T.

**'I MALDEHYDE**

Burt, Boulton &amp; Haywood

**FOODS, SPECIAL**

Allen & Hanburys, Ltd.  
Benger's Food, Ltd.  
Brand & Co., Ltd.  
Burt, C. J.  
Callard & Co.  
Fairchild Bros. & Foster  
Frame Food Co., Ltd.  
Garman Bros.  
Menley & James, Ltd.  
Natural Food Co., Ltd.  
Wander, A.

**FRUIT CRYSTALS**

Aerators, Ltd.

**FRUIT SYRUPS**

Idris &amp; Co., Ltd.

**FULLER'S EARTH**

Mumford, G. S., &amp; Sons

**FUMIGATORS**

Sanitas Co., Ltd.

**GELATIN AND GLUE**

Boehm, F., Ltd.

**GLAUBER'S SALT**

Bramwell, E., &amp; Son

Howards &amp; Sons, Ltd.

**GLYCERIN**

Boehm, F., Ltd.

Price's Patent Candle Co.

**GLYCEROPHOSPHATES**

Merck, E.

Pointet &amp; Girard

**GOLD PAINT**

Judson, D., &amp; Son

**GRINDERS**

Allen, Stafford, &amp; Sons, Ltd.

Goodall, Backhouse &amp; Co.

Willows, Francis B. &amp; T.

**HAIR WAXES AND CURLERS**

Merkham Trading Co., Ltd.

**HAIR PREPARATIONS**

Capsuloids (1909), Ltd.

Cbesehrough Manfg. Co.

Edwards' "Harlene" Co.

Harker, Stagg &amp; Morgan

Herpicide Co.

Jobn Strange Winter

Martine &amp; Co.

Robare's Anreoline

Rowland, A., &amp; Sons

Woolleys, Ltd.

**HAT DYES**

Whitaker &amp; Co.

**HAT RENOVATORS**

Christy, T., &amp; Co.

**HEATING FLASKS**

Gutmann, A. E., &amp; Co.

**HERBS**

Potter &amp; Clarke

**HOMOEOPATHIC MEDICINES**

Ashton &amp; Parsons, Ltd.

Keene &amp; Ashwell, Ltd.

Leath &amp; Ross

**HOTELS**

Esmond Hotel

Kingsley Hotel

Thackeray Hotel

**HOT-WATER BOTTLES**

Berliner, Arthur

Burge, Warren &amp; Ridgley

Hutchinson Co.

Maw, S., Son &amp; Sons

May, Roberts &amp; Co.

Southall Bros. &amp; Barclay

Wood, Vincent

**HYDROGEN PEROXIDE**

May &amp; Baker, Ltd.

Sanitas Co., Ltd.

Tyrrer, T., &amp; Co., Ltd.

**HYPHOPHOSPHITES**

May &amp; Baker, Ltd.

Merck, E.

Tyrrer, T., &amp; Co., Ltd.

**INHALERS**

Christy, T., &amp; Co.

Fecher, M. J.

Sangers'

**INK**

Bewley &amp; Draper, Ltd.

Hickisson, A. B.

**INSECTICIDES**

Christy, Thos., &amp; Co.

Corry &amp; Co., Ltd.

Smith, B. A., &amp; Co.

Tomlinson &amp; Hayward, Ltd.

Voss, Walter, &amp; Co.

White, E. A., Ltd.

Woolleys, Ltd.

**INSECT POWDER**

Boehm, F., Ltd.

Smith, B. A., &amp; Co.

**IODINE AND IODIDES**

Howards &amp; Sons, Ltd.

Merck, E.

Morson, T., &amp; Son

**ITROSYL**

Fletcher, Fletcher &amp; Co.

**JARS AND POTS**

Boling, Brown & Co.  
Brenitt, E., & Co., Ltd.  
Bush, H. W., & Co., Ltd.  
Cook, A., & Co.  
Johnsen & Jorgensen, Ltd.  
Kilner Bros., Ltd.  
Lang, Jules, & Son  
Maw, S., Son & Sons  
Pothe, H., & Co.  
Reuter, R. J.  
Stipendium Stopper Co.  
Toogood, W., Ltd.

**LACTIC FERMENTS**

Allen & Hanburys, Ltd.  
Cox, Arthur H., & Co., Ltd.  
Davies, Sons, & Co.  
Martindale, W.  
Parke, Davis & Co.  
Wilcox, Jozeau & Co.

**LAMPS, DISINFECTING**

Roberts, Cornford &amp; Co.

**LANOLINE**

Burroughs Wellcome &amp; Co.

Cbristy, T., &amp; Co.

Sangers'

**LARD**

Chemists' Co-operative Wholesale

Ewen, J., &amp; Sons

**LIME JUICE AND CORDIAL**

Evans Sons Lescher &amp; Webb

Goodall, Backhouse &amp; Co.

Idris &amp; Co., Ltd.

**LINSEED, CRUSHED, ETC.**

Allen, Stafford, &amp; Sons

Mumford, G. S., &amp; Sons

**LINTS**

Vernon &amp; Co., Ltd.

**LIQUORICE JUICE**

Boehm, F., Ltd.

British Drug Houses, Ltd.

Evans, Gray &amp; Hood

Evans Sons Lescher &amp; Webb, Ltd.

Horner &amp; Sons

Jackson, E. E.

Mumford, G. S., &amp; Sons

**LIQUORS, CONC., ETC.**

Allen, Stafford, &amp; Sons, Ltd.

Fletcher, Fletcher &amp; Co.

Hewlett, O. J., &amp; Son

Robinson, B., &amp; Co.

**LITHIA SALTS**

British Drug Houses, Ltd.

May &amp; Baker, Ltd.

Merck, E.

**LOOFHATS**

Cresswell Bros. &amp; Schmitz

**LOZENGES**

Allen &amp; Hanburys, Ltd.

Cox, A. H., &amp; Co., Ltd.

Denoual, J., &amp; Co.

Jackson, E. E.

Meggeson &amp; Co., Ltd.

Potter &amp; Clarke

Raimes &amp; Co.

Warrick Bros.

**MACHINERY, PHARMACAL**

Allen &amp; Hanburys, Ltd.

Bennett, E., &amp; Son, Ltd.

Bennett, Sons &amp; Shears, Ltd.

Fecher, M. J.

Gardner, Wm., &amp; Sons, Ltd.

Pindar, J. W., &amp; Co.

Smith, B. A., &amp; Co.

Stokes, F. J., Machine Co.

Thompson &amp; Capper (Stokes)

Wilkinson, S. W., &amp; Co.

**MAGNESIA AND ITS SALTS**

Henry, T. &amp; W.

Howards &amp; Sons, Ltd.

May &amp; Baker, Ltd.

Washington Chemical Co.

**MAILING CASES**

May, Roberts &amp; Co.

**MALT EXTRACT AND PREPS.**

Allen &amp; Hanburys, Ltd.

Baiss Bros. &amp; Stevenson, Ltd.

Blackie, R.

British DiaMalt Co.

Burroughs Wellcome &amp; Co.

Evans Sons Lescher &amp; Webb

Hewlett, C. J., &amp; Son

Lorimer &amp; Co., Ltd.

Oppenheimer, Son &amp; Co., Ltd.

Paine &amp; Co., Ltd.

Southall Bros. &amp; Barclay, Ltd.

Squire &amp; Sons

Woolley, Jas., Sons &amp; Co., Ltd.

Wright, Layman &amp; Umney

**MARKING INK**

Hickisson, A. (Bond's)

**MEASURFS**

Bush, H. W., &amp; Co., Ltd.

**MEAT EXTRACTS**

Armour &amp; Co., Ltd.

Brand &amp; Co., Ltd.

Buvo, Ltd.

**MEDICINE CHESTS**

Burroughs Wellcome & Co.  
Keene & Ashwell, Ltd.  
Leath & Ross  
Lloyd, T. Howard, & Co.  
Parke, Davis & Co.

**MENTHOL CONES**

Bush, H. W., &amp; Co., Ltd.

Maw, S., Son &amp; Sons

**MERCURIALS**

Howards &amp; Sons, Ltd.

May &amp; Baker, Ltd.

Merck, E.

Tyrrer, T., &amp; Co., Ltd.

**METEOROLOGICAL SETS**

Darton, F., &amp; Co.

**METHYLATED SPIRIT**

Burrough, J., Ltd.

Preston's Liverpool Distillery

Randall &amp; Son, Ltd.

**MILK APPARATUS**

Zimmermann, C., &amp; Co.

**MILK BYPRODUCTS**

Casein, Ltd.

**MINERAL WATERS AND SALTS**

Apollinaris Co., Ltd.

British Drug Houses, Ltd.

Hughes, E. Griffiths

Ingram &amp; Royle, Ltd.

Vichy (State Springs)

**MOTOR GOGGLES**

Darton, F., &amp; Co.

**MUSK, ARTIFICIAL**

Mallmann, W.

**NAPHTHAS**

Burt, Boulton &amp; Haywood

**NURSES' WALLET**

Hatricks, James L., &amp; Co., Ltd.

**OILS, ESSENTIAL**

Allen, Stafford, &amp; Sons, Ltd.

Alliance Drug &amp; Chem. Co.

Baiss Bros. &amp; Stevenson

Bonke (A.), Roberts &amp; Co., Ltd.

Bush, W. J., &amp; Co., Ltd.

Cbris, Antoine

Cresp-Martineq

Evans Sons Lescher &amp; Webb, Ltd.

Holzmuller &amp; Schmidt

Horner &amp; Sons

Lautier Fils

Lberme &amp; Cie.

London Essence Co.

Matthew, Jesse

Mühlethaler, Tb., Ltd.

Pasquale, S. F. de, &amp; Fratelli

Poppelreuter, W.

Ransom, W., &amp; Son

Roure-Bertrand fils

Sachse, E., &amp; Co.

Schimmel &amp; Co.

Schmoller &amp; Bompard

Spencer, J., Son &amp; Co.

Stevenson &amp; Howell, Ltd.

Todd, A. M., Co.

**PATENT AGENT**

Barker, R. W.

**PERFUMES**

Allen & Hanburys, Ltd.  
Barclay & Sons, Ltd.  
Breidenbach & Co.  
Bronnley, H., & Co., Ltd.  
Bush, W. J., & Co., Ltd.  
Christy, T., & Co.  
Chuit, Naef & Co.  
Erasme Co., Ltd.  
Evans Sons Lescher & Webb, Ltd.  
Hewlett, C. J., & Son  
Hovenden, R., & Sons, Ltd.  
John Strange Winter.  
Lescol Perfumery Co.  
McCracken, J. & R.  
Maw, S., Son & Sons  
Newbery, F., & Sons, Ltd.  
Quelch, H. C., & Co.  
Reuter, R. J.  
Southall Bros. & Barclay  
Spencer, J., Son & Co.  
To-Kalon Mfg. Co.  
Warwick Bros.  
West, T.  
Yardley & Co., Ltd.

**PERFUME MATERIALS**

Bush, W. J., & Co., Ltd.  
Chris, Antoine  
Compagnie Morana  
Cresp-Martineng  
Flora Chemical Works, Ltd.  
Lautier Fils  
Mallmann, W.  
Mühlethaler, Th., Ltd.  
Murray, O., & Co., Ltd.  
Simmel & Co.  
Shipkoff & Co.  
Spencer, J., Son & Co.  
Zimmermann, C., & Co.

**FESSARIES**

Burge, Warren & Ridgley  
Rendell, W. J.

**PETROLEUM EMULSION**

British Drug Houses, Ltd.

**PETROLEUM JELLY**

Cheschrough Mfg. Co.

**PHOTO. CHEMICALS**

Boehringer, C. F., & Soehne  
Burroughs Wellcome & Co.  
Lockyer, J. E.  
Merek, E.

**PHOTO. ENLARGERS,****PRINTERS, &C.**

Express Developing Co.  
Halifax Photographic Co.

**PHOTO. GOODS**

Barclay & Sons, Ltd.  
Darton, F., & Co.  
Evans Sons Lescher & Webb  
Halifax Photographic Co.  
Ilford, Ltd.  
Lennon, Ltd.  
May, Roberts & Co.  
Murdoch, John, & Co.  
Newbery, F., & Sons, Ltd.

**PILL MAKERS**

Allen & Hanburys, Ltd.  
Asche, C. F., & Co.  
Bishop, Alfred, Ltd.  
British Drug Houses, Ltd.  
Cox, A. H., & Co., Ltd.  
Davies, Sons & Co.  
Evans Sons Lescher & Webb, Ltd.  
Hewlett, C. J., & Son  
Howards & Sons, Ltd.  
Lloyd, F. Howard, & Co.  
McKesson & Robbins  
Parke, Davis & Co.  
Pill, Tablet, & Capsule Alliance  
Southall Bros. & Barclay  
Standard Tablet & Pill Co.  
Wand Mfg. Co.  
Warner, W. R., & Co.  
Woolley, J., Sons & Co., Ltd.

**FLASTERS**

Alcock Mfg. Co.  
Berliner, Arthur  
Beiersdorf, P., & Co.  
Dalmas, A. de St., & Co.  
Leslies, Ltd.  
Maw, S., Son & Sons  
Solport Bros.

**PLASTIC MODELS**

Plastic Advertisement Co.

**POLISHES (VARIOUS)**

Bradley & Bourdas  
Judson, Daniel, & Son  
Oakley, J., & Son, Ltd.

**POSTERS**

Ford, Shapland &amp; Co.

**PRINTERS**

Dudley & Co.  
Ford, Shapland & Co.  
Harrison & Waide  
Smith, W. H., & Son  
Townsend, J., & Sons

**PROPRIETARY ARTICLES**

American Drug Stores  
Anglo-American Drug Co.  
Ashton & Parsons, Ltd.  
Atkinson & Barker  
Barclay & Sons, Ltd.  
Battle, Son & Maltby  
Beecham, T.  
Beiersdorf, P., & Co.  
Box, W. H.  
British Drug Houses, Ltd.  
Capsuloids (1909), Ltd.  
Christy, T., & Co.  
Coleman & Co., Ltd.  
Congreve, G. T.  
Cox, A. H., & Co., Ltd.  
Curry, Henry  
Daggett & Ramsdell  
Daisy, Ltd.  
Davenport, J. T., Ltd.  
Day & Sons (Crewe), Ltd.  
Day, Son & Hewitt  
Denoual, J., & Co.  
Edwards, W., & Son  
Elliman, Sons & Co.  
Evans Sons Lescher & Webb  
Faulding, F. H., & Co.  
Fellows' Syrup  
Fennings, Alfred  
Ferris & Co.  
Fulford, O. E., Ltd.  
Goodall, Backhouse & Co.  
Grapelax, Ltd.  
Guy's Tonic Co.  
Henry, T. & W.  
Hovenden, R., & Sons, Ltd.  
Hughes, E. Griffiths  
Iohthylol Co.  
International Chemical Co.  
Iron-Ox Rem. Co., Ltd.  
Kay Bros., Ltd.  
Kutnow, S., & Co., Ltd.  
Lalor's, Dr., Phosphodyne  
Lambert Pharmacal Co.  
Lofthouse & Saltmer  
Lorimer & Co., Ltd.  
May, Roberts & Co.  
Menley & James, Ltd.  
Newbery, F., & Sons, Ltd.  
Odol Chemical Works  
Owbridge, W. T., Ltd.  
Pedezy Co.  
Powell, Thomas, Ltd.  
Resinol Chemical Co.  
Richards, J. M., & Sons  
Ruhwel Co.  
Sangers'  
Savaresse's Capsules (Evans)  
Simmel & Co.  
Scott & Bowne, Ltd.  
Squire & Sons  
Standard Tablet & Pill Co.  
Stedman's Teething Powders  
Thompson & Capper  
To-Kalon Mfg. Co.  
Tanhridge & Wright  
Wilcox, Jozeau & Co.  
Zotos, Ltd.  
(See also DENTIFRICES and TOILET ARTICLES)

**PULVELLÆ**

Warwick Bros.

**PULVERETTES**

Oppenheimer, Son &amp; Co., Ltd.

**PUMPS**

Berkefeld Filter Co., Ltd.

**QUININE AND SALTS**

Boehringer, C. F., & Soehne  
Howards & Sons, Ltd.  
Pointet & Girard.

**RAPE OILS**

Hull Oil Mnf. Co.

**RAZORS**

Anto-Strop Safety Razor Co.  
Gillette Safety Razor, Ltd.  
Hovenden, R., & Sons, Ltd.

**RENNET**

Fullwood, R. J., & Bland  
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Allen & Hanburys, Ltd.  
Morson, T., & Son  
Ransom, W., & Son  
Smith, T. & H., Ltd.

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Burge, Warren & Ridgley, Ltd.  
Evans Sons Lescher & Webb, Ltd.  
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Galen Mfg. Co.  
Hatrack, James L., & Co., Ltd.  
Haywood, J. H.  
Hovenden, R., & Sons, Ltd.  
Hntchinson Co.  
Maw, S., Son & Sons  
May, Roberts & Co.  
Wanklyn, H. A.  
Warne, W., & Co., Ltd.

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**SALICIN**

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Smith, T. &amp; H., Ltd.

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**SANTONIN**

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Sthamer, Dr. R.

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Tomlinson &amp; Hayward, Ltd.

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Mills, H.

Parnall &amp; Sons, Ltd.

Rudduck &amp; Co.

Sangers'

Southall Bros. &amp; Barclay, Ltd.

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Flora Chemical Works, Ltd.

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Cheschrough Mfg. Co.  
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Erasme Co., Ltd.  
Hull Oil Mfg. Co., Ltd.  
Lescol Perfumery Co.  
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Howards &amp; Sons, Ltd.

Mumford, G. S.

**SOYA OIL**

Hull Oil Mnf. Co.

**SPARKLETS**

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Maw, S., Son &amp; Sons

**SPONGE BAGS**

Maw, S., Son &amp; Sons

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Cresswell Bros. &amp; Schmits

Interntl. Sponge Importers

Kent, G. B., &amp; Sons, Ltd.

Maw, S., Son &amp; Sons

Sangers'

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Wanklyn, H. A.

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Whitehead, R. R., &amp; Bros.

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**SPRAYS**

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Hovenden, R., &amp; Sons, Ltd.

Maw, S., Son &amp; Sons

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Gimber, W., &amp; Son

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Flora Chemical Works, Ltd.

Murray, O., &amp; Co., Ltd.

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# THE CHEMIST & DRUGGIST SUPPLEMENT.

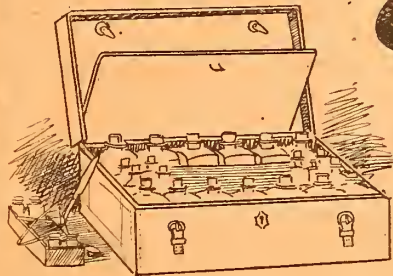
OFFICE: 42 CANNON STREET, E.C.

SATURDAY, AUGUST 7, 1909.

## PUBLISHER'S NOTICE TO ADVERTISERS.

Advertisers are desired to take note that the advertisements of Businesses for Disposal and Wanted, Situations Open and Required, Exchange Column, &c., belong to the **PREPAID CLASS**, and to ensure the due insertion of the announcements the remittances must accompany the instructions. A great amount of unnecessary correspondence is occasioned by the non-observance of this regulation, and the Publisher hopes that the advertisers will assist in the quick preparation and despatch of the Supplement by strictly observing this rule. Advertisements for the current issue cannot be received after 4 p.m. on Thursday in each week.

A Copy of this Supplement is inserted in every Number issued of "The Chemist and Druggist."



## Everything Necessary

for securing best results is provided by this Supplement.

IT PAYS TO PAY FOR ADVERTISING HEREIN.

## CHEMISTS' TRANSFERS.

### Messrs. ORRIDGE & CO., 56 Ludgate Hill, E.C.

May be consulted at their Offices on matters of SALE, PURCHASE, and VALUATION.

- 1.—KENNINGTON.—Ready-money Business; Retail and Prescribing; returns exceed £600 per annum; *profit (net)* £200; attractive window; excellent position; satisfactory reason for disposal; price £400; inspection invited.
- 2.—LONDON (Northern Suburb).—Modern Pharmacy; returns last year £860, increasing; *gross profit* £250; handsomely-fitted shop; corner position; good residence; held on lease; price £600.
- 3.—LONDON, W.—Attractive Pharmacy; returns between £2,000 and £2,500 per annum, at good prices; intending investors with about £1,800 at command will find this a good investment.
- 4.—LONDON, S.W.—Old-established Business; situate in close proximity to busy railway station; returns between £1,200 and £1,300 yearly; scope for development; vendor retiring; price £1,000.
- 5.—LONDON, E.C.—Retail and Dispensing Business; excellent position; attractive shop; single fronted; *net profit over* £400 yearly; proof given; further details on application.
- 6.—LEWISHAM.—Neglected Business; main thoroughfare; returns £600 yearly; formerly about £1,100; roomy shop; corner position; immediate sale desired; no reasonable offer refused.
- 7.—LONDON, S.E.—Good middle-class Business; Retail, Dispensing, and Photographic; established 50 years; returns last year £700; *net profit* £245; large shop, fitted in mahogany; commanding window; comfortable house; pleasant garden; held on lease; valuation, about £350.
- 8.—WORCESTERSHIRE.—Old-established Business; Retail and Dispensing, with excellent sale for own Proprietaries; the shop has

double front, and is situate in the centre of town; roomy house; garden and warehouse; terms, goodwill £228, stock and fixtures at valuation.

9.—WEST OF ENGLAND. Very old-established Business; returns average £1,000 per annum; *gross profit* £400; investigation invited; price £800, less than the valuation of stock and fixtures.

10.—GT. WESTERN Main Line.—Dispensing and Photographic trade; gross receipts average between £60 and £70 per month; *net profit* £200 yearly; roomy house; held on lease; about the value of stock and fixtures required.

11.—GLOUCESTER (within easy distance of).—Dispensing and Retail Business, producing a *net income* of about £350 yearly; for immediate disposal; attractive shop and well-appointed house; further details on application.

12.—EASTERN COUNTY.—Mixed Business; entirely unopposed; returns £1,115; *net profit* £250; double-fronted shop; good residence; garden; rent £35; price £450; part may remain, say £150.

13.—CORNWALL (Market Town).—Retail and Dispensing Business; all good-class trading; returns exceed £1,400 yearly; scope for development; terms, lease and goodwill £50, stock and fixtures at valuation.

14.—SUSSEX (Health Resort).—General, Retail, and Dispensing Business, situate in the centre of town; gross receipts about £1,200 yearly; *net profit* 25 per cent.; terms £60 and valuation of stock and fixtures; part payment if desired.

will be furnished on application.

Particulars of any of the above

N.B.—NO CHARGE TO PURCHASERS.

## VALUATIONS FOR STOCKTAKING.

Messrs. O. & Co. desire to emphasise the necessity of a Periodical Statement of Account, by which means alone **Profit, the value of Business, &c.**, can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted, and eventually becomes the cause of **confusion and loss**.

Messrs. O. & Co. are prepared to undertake these essential duties, and will make **Special Terms** for such services.

**ORRIDGE & CO., 56 LUDGATE HILL, LONDON, E.C.**



# BRETT & CO.

**CHEMISTS' VALUERS AND TRANSFER AGENTS,**

Telegrams: "Brett Leicester."

**8 WEST STREET, LEICESTER.**

Telephone: 160 Y.

**VALUATIONS** have always had our special and personal attention, and an experience of thirty years is at your disposal **AGENCY**.—We have always a large number of *Buyers* on our books, and we can frequently find a Purchaser at once. We also have a *Private Register* for vendors who are in no hurry to sell and who do not wish their businesses to be advertised.

## STOCKTAKING SPECIALISTS TO THE ENTIRE DRUG TRADE.

**DEVON**.—Good-class Light Retail and Dispensing; old-established; very nice convenient house and large garden; returns nearly £1,000; net profit over £300; valuation, about £850; part can remain; low rent; an excellent opportunity.

**YORKS** (on the borders of Lancs).—A very nice General Retail, with splendid sale of own Proprietaries; good house and large shop; returns under manager £925; very profitable; price £50, and stock and fixtures at valuation; good business to be done in Optics.

**MIDLANDS**.—Good profitable Retail and Druggery, Oils, Paints, etc.; death vacancy; price, valuation, about £1,200.

**YORKS**.—General Light Retail, Dispensing, and Prescribing; fine position in busy town; returns £1,100; price £650; can be greatly increased.

**LANCS**.—High-class General Retail, in popular seaside resort; returns £1,000; stock and fixtures at valuation, about £750.

**LANCS**.—General Light Retail in busy manufacturing town; nice shop; main street; low rent; returns £1,200; profitable; price about £550, or valuation; splendid opportunity.

**HERTS**.—Good-class Family Retail and little Photo; good shop; nicely fitted; low rent; returns £700; net profit about £200; price £400; genuine; chance seldom occurs.

**SOUTH COAST**.—Good General Retail Drug-store; returns as branch £1,200; net profit £290; price £60 and valuation; an excellent opportunity.

**MIDDLESEX**.—Light Retail, Dispensing, Prescribing, and Photo; double-fronted shop; large house; moderate rent; returns £700; net profit £200; price about £550; splendid opportunity.

**LANCS**.—Good General Retail, with Wholesale in Carded Goods and Sundries, with small shops; nice shop and premises; returns about £2,000; price valuation (about £500); a great bargain.

**LANCS (NORTH)**.—Very good Country Retail, Agricultural, and Photo, in a pretty district; quite unopposed for miles; very nice house and good garden (fruit trees); returns £850; net profit £250; stock and fixtures at valuation; very old established; a rare chance.

**CAMBS**.—Unopposed Mixed General Country Retail and Agricultural; returns £1,100; very profitable; accept low figure of £450; a rare chance.

**LANCS**.—General Light Retail with Photo and Optics, in good position main street of very busy town; returns £730, and increasing; valuation, about £450.

**MANCHESTER (Suburb)**.—Prescribing and General Retail; great scope for up-to-date man; returns about £10 per week, and can be greatly increased; nice shop, and well fitted; price £150, or offer; a great bargain.

**DERBY**.—Mixed General Retail in busy thoroughfare; nice corner shop; returns £400; has done much more, and can again with attention; price, valuation, about £200.

**LONDON, S.E.**.—Family, Prescribing, and Dispensing; fine opening for Photo and Optics; very nice house and shop; returns £175, or reasonable offer.

**LONDON, N.**.—Very nice General Retail in main road; handsomely fitted and well stocked; low rent; price £250; only wants seeing.

**LONDON, N.**.—Mixed General Cash Retail, with good sale of own Preps; healthy locality; good house and premises; returns £500; price £200.

**YORKS**.—Good Country Mixed Retail, Prescribing, Photo, etc.; no qualified opposition; double-fronted shop; excellent premises; old established; returns £700; price £230; a bargain.

# MESSRS. BERDOE & FISH,

*Chemists' Valuers and Transfer Agents,*

**35 JEWRY STREET, FENCHURCH STREET, CITY.**

TELEPHONE: 1809 CENTRAL.

Have the following Businesses for Disposal. (No charge to Purchasers.)

1.—**SOUTH-WEST OF ENGLAND**.—Old-established, good-class Country Retail Business; returns about £1,000; net profit £330 to £350; good house and garden; splendid position; stock and fixtures worth over £850; price £850; £300 can remain.

2.—**KENT**.—Good-class Light Family Retail and Dispensing Business; increasing; returns £1,000; net profit over £300; modern-fitted Pharmacy; well stocked; convenient house; price £760.

3.—**HOME COUNTY**.—Old-established Mixed Country Retail Business with valuable Specialities; returns over £1,100; nice house and garden; charming locality; best position; fully stocked; price £550; personally inspected.

4.—**SOUTH MIDLANDS**.—Good-class Retail, Dispensing, and Prescribing Business; returns £560; scope for much increase; net profit £200; good house and garden; modern Pharmacy; well fitted and stocked; price £520.

5.—**SUSSEX (Market Town)**.—Good-class Retail, Dispensing, and Prescribing Business; in same hands many years; now retiring; returns about £850; can easily be made to do £1,100; fine position; large premises; price £450.

6.—**SURREY (good Residential Town)**.—Good-class Retail, Dispensing, and Prescribing Business; capable of increase; net profit nearly £200; nice house and large garden; low rent; stock and fixtures worth £350; price £400.

7.—**VICTORIA STATION (near)**.—First-class Retail and Dispensing Business; in same hands many years; returns £1,250; net profit over £400; excellent position; scope for much increase; price £1,000.

8.—**LONDON SUBURB (S.E.)**.—Good-class Retail and Dispensing Business; neglected through ill-health; returns £760; was doing £1,200, and can again; handsome Pharmacy; well stocked; price £650; strongly recommended.

9.—**LONDON, N.W.**.—Cash Retail and Prescribing Business in densely populated district; returns £470; no Poisons or Patents sold; net profit £180; low rent; price £225, or valuation; trial allowed.

10.—**MIDDLESEX (Northern Heights)**.—Good-class Retail and Dispensing Business; in splendid position; rapidly growing district; returns £30 to £40 weekly; elegantly fitted shop, heavily stocked; price £1,250; personally inspected.

11.—**CHESHIRE (Seaside Town)**.—Light Retail, Dispensing, and Prescribing Business; in very good position; returns £800; net profit £276; shop is beautifully fitted and well stocked; price £380, less than valuation.

12.—**MANCHESTER (near)**.—First-class Retail Business, in the best position of town; returns average £1,750; books properly kept; stock and fixtures worth about £1,000; owner retiring; price £1,250.

13.—**LANCS (Death Vacancy)**.—Well-established Light Retail Business, with large sale of own Specialities; returns under manager £925; has done £2,000; convenient premises; excellent position; price simply valuation.

14.—**WEST MIDLANDS**.—Good-class Retail and Dispensing Business; returns £700 to £800, increasing; net profit £220; main road position; good house; price £500; fullest investigation courted.

15.—**YORKSHIRE**.—Profitable Cash Retail and Prescribing Business; very few Patents; returns about £14 weekly; will soon do £20; low rent; growing district; no opposition; price £200, or valuation.

16.—**LONDON, S.W.**.—Light Suburban Retail, Dispensing, and Prescribing Business; returns £1,350; net profit over £400; commanding shop; well fitted and stocked; price £950, or valuation terms arranged.

17.—**LONDON, N.**.—Light Suburban Cash Retail Business in splendid main road position; returns £1,200 to £1,300 under manager; good profits; attractive shop, well fitted and stocked; price £750.

18.—**LONDON, S.E. (rapidly growing Suburb)**.—Cash Retail and Prescribing with Dispensing; returns £520; rapidly increasing; modern-fitted shop; good position, and well stocked; price £175.

## INTENDING VENDORS.

Messrs. BERDOE & FISH have at the present moment showing anything from 300% to 600% net profit yearly guaranteed.

several genuine purchasers anxious to secure businesses. Correspondence cordially invited. Strictest privacy.

J. G. BERDOE established the firm in 1870, and W. S. FISH was apprenticed to him in 1877.



# PARSON C. BAKER

174 VICTORIA ST., LONDON, S.W.

Recommended by—MESSRS. BARRON, HARVEY & CO  
Telephone: MESSRS. MEGGESON & CO.  
No. 27 Victoria. MESSRS. BARCLAY & SON, LTD.

ON the Borders of Epping Forest.—On easy terms for immediate sale; continuously increasing business; in quickly developing district; returns £600; rent £30; £350 or offer, or valuation; part purchase can remain.

IN HAMPSTEAD (best position Leading Thoroughfare).—Good Dispensing and Retail; returns £750; easy terms of purchase; rent £90; attractive shop.

HEALTH RESORT (Midlands).—Excellent Dispensing Business, returning £1,100; handsome shop (lock up); rent £20; death vacancy; good profits; valuation terms can be arranged; every facility for investigation.

SEVERAL London and Suburban Businesses of all sizes; inquiries invited.

SOUTH COAST (Principal Thoroughfare).—High-class Store; returns over £1,000; good Proprietaries, Photo, and Optics; lock-up shop; rent £65; price about £500; net profit nearly £300.

LONDON, N.—Good Cash Retail and Prescribing; returns increasing regularly, now nearly £700 without any Side-lines; rent £45; price £150.

## W. J. ROGERSON,

(late Director Messrs. Hearon, Squire & Francis, Ltd.)

will be glad to undertake

Valuations for Transfer of Business, Probate, Stocktaking, &c.

Terms reasonable. Distance no object.

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LICENSED CHEMISTS' VALUER.

Valuations for transfer of business, Probate, &c. Business for disposal. Stocks and Fixtures purchased to any amount, for cash. Stocktakings undertaken. A Register kept of Assettants and Chemists requiring Assistants; no charge made.

3 Belgrave Terrace, LEEDS

TELEPHONE 02949.

# TOM TOM

Telegraphic Address.

THOS. TOMLINSON & SON.

Chemists' Valuers and Expert Stocktakers,

Businesses transferred privately.

29 NEW CANNON STREET, MANCHESTER.

We desire particularly to draw the attention of Colonial and Foreign Subscribers to the fact that in cases where they require partners, agents, or assistants, or wish to sell their businesses, an advertisement in this Supplement, placed in every copy of "The Chemist and Druggist," should be the readiest means of helping them to attain their object. The tariff for such announcements is given under the appropriate headings in the Supplement. Instructions and intimations can be sent to us direct or through the advertisers' correspondents in this country.

## BUSINESSES FOR DISPOSAL.

3s. 6d. for 50 words or less; 6d. for every 10 words beyond, prepaid.

NOTE.—Replies can be addressed to this Office and forwarded to the Advertiser for an Additional charge of 6d.

### COLONIAL BUSINESSES.

We call the special attention of our Colonial subscribers to the opportunity this Supplement affords when they wish to dispose of their Businesses, of getting into touch with likely buyers either at home or in the Colonies.

Replies to Advertisements may be addressed to this Office and forwarded to the Advertiser for an additional charge of 6d. Trade circulars and samples can in no case be forwarded.

**BIRMINGHAM.**—Death Vacancy.—Centrally-situated Photographic and Light Retail, with valuable Proprietary; takings about £800 per annum; could be considerably increased; rent £55 15s.; let off £23 8s., making the net rent £32 7s. Address, "Administrator," c/o Southall Bros. & Barelay, Ltd., Birmingham.

**KENT (East Coast).**—Old-established Business; Light Retail, Dispensing, Photographic, and Optical; good position; long lease at low rental; good Proprietaries; bracing climate; returns about £800; well stocked; reasonable price accepted. "A. B. C." (150/18), Office of this Paper.

**KENT (Fashionable Seaside Resort).**—Light Retail and Dispensing Business; established many years and well situated in centre of town; returns £900; steady trade; good profits; low rent; on lease; comfortable house; for quick sale will accept £350 cash, which is much less than valuation; chance seldom offered. Address, "Bona fide" (152/11), Office of this Paper.

**LONDON.**—The net profits for one year, viz. £230, is the price asked to immediate purchaser of a well stocked and fitted Shop doing £750 year turnover in thickly populated district; capable of good increase; present proprietor, on doctor's order, must quit business at once. Apply, 152/1, Office of this Paper.

**LONDON, N.**—Must be Sold, a genuine bargain; handsome little Pharmacy, well fitted and stocked; suit either qualified or unqualified man; lock-up shop; large basement and room behind; main road; rent £40; price £200; less than valuation; only genuine bona fide buyers in want of a business need apply. 129/1, Office of this Paper.

**MANCHESTER.**—Corner Shop; handsomely fitted; electric light; established over 50 years; average returns £600 under management; price £325. Full particulars on application, 152/23, Office of this Paper.

**NEWCASTLE-ON-TYNE.**—Very old-established Business in working-class neighbourhood, with valuable Proprietary attached; small Shipping business done; could be greatly increased; returns under management have averaged about £500 for last three years, but did more with personal attention; exceptional profits; price about £200. Apply, 128/11, Office of this Paper.

**NORTH WALES.**—First-class, old-established Dispensing and Optical Business, in beautiful locality and health resort, for immediate Disposal; excellent prices in Dispensing and Retail; valuable Proprietaries; very little opposition; rapidly increasing neighbourhood; fine premises at low rent; reasonable price; owner leaving country. Apply, "Lewis" (149/15), Office of this Paper.

**SURREY.**—Chemist's Business, established many years, average takings about £150 per month, well stocked, good house, in High Street of healthy, good-class town, for Sale; reasonable price. Apply, 144/30, Office of this Paper.

**WORCESTERSHIRE (on the Banks of the Severn).**—Old-established Business for Sale; owner retiring; same hands 21 years; good Photographic connection; studio for Portraiture attached; large house; best position in main street; good opening for Dentistry; charming health and pleasure resort; £250 or valuation; rent £28. Replies to 146/27, Office of this Paper.

**BEST Position Busy Shopping Street, N.W.**—Practically unopposed; dense population, including considerable number good-class families; or reliable man with £50, take sole charge and co-operate with advertiser, aged Chemist (landlord), to convert into handsome Pharmacy, dividing increased value when sold; unlimited scope for doing this undeniably certain. 149/7, Office of this Paper.

**ESTABLISHED Business, with good Dental connection; Surgery and reception-room; modern shop-front; Pharmacy portion at old-fashioned prices; splendid chance for anyone well up in Dentistry and who could introduce modern trading; returns £750, at exceptional profits; price £500; good reason for disposal. Particulars from "Dexa" (148/31), Office of this Paper.**

**FOR immediate Disposal, on account of failing health, a lucrative Medical Consulting Practice, carried on for 33 years by advertiser as "Medical Analyst"; this is a rare opportunity for a registered or unregistered Medical man or Prescribing Chemist. For particulars apply to "J. H.," 139 Albion Street, Leeds.**



## BUSINESSES FOR DISPOSAL

(continued.)

**FOR** Sale, sound Business; main thoroughfare; excellent position; capable of large turnover in Shipping, Prescribing, and Dispensing; present occupier unqualified; takings £1,200; can easily be doubled; capital required £300; would leave part money in business if desired: exceptional opportunity. Address, "Drugs," c/o Mrs. Jenkins, 34 Mansel Street, Swansea.

**INLAND** Health Resort.—For immediate Disposal, through ill-health, old-established Light Retail and Dispensing Business, showing net profit about £200; good opening for Dental and Photographic work; price £500, or bare valuation of stock and fixtures. "D. H." (150/4), Office of this Paper.

**MEDICAL** Hall (Belfast) for Sale; Dispensing and Retail Cash trade; leading thoroughfare; 32 years established; Medical patronage; owner retiring: splendid opening for young man. Apply, Macfarlane, 133 Royal Avenue, Belfast.

**NICE** compact Pharmacy in Yorkshire, with several old-established Proprietaries; will sell at valuation only (about £250 to £300), having bought larger business. Apply, "Crescendo" (151/16), Office of this Paper.

**QUICK** transfer required, owing to illness: old-established Prescribing and General Business; main road in Bristol; qualification not essential; good selling Proprietaries; low expenses and good profits; splendid chance to obtain genuine business on easy terms; price £150; cash down £75, balance by instalments; this offer will not be repeated. 144/10, Office of this Paper.

**SMALL** Wholesale Druggist's and Drysalter's; established several years; good round, and capable of great increase with smart man; well-fitted shop; satisfactory reasons for disposal; stock and fixtures at valuation; about £500 required. 149/31, Office of this Paper.

**£75** (all at), small Business; unopposed; working-class neighbourhood, S.E.; no Patents, Poisons, Photographic, or Extractions; doing summer £4 to £5, winter £6 to £7, at about 80 per cent. profit; low rent, with house; would help young qualified man start, as owing to other business cannot give time business requires; bona fide only dealt with. 147/32, Office of this Paper.

**£120.** Genuine bargain for immediate Disposal; nice little Cash Business near London; rent £30; no opposition. 151/27, Office of this Paper.

**£200** (bare value of stock and fixtures) buys sound Business with big scope for improvement; turnover last year £543; full investigation; good reason for disposing. Apply, 150/25, Office of this Paper.

**£230.**—An excellent Prescribing Business for Disposal; taking £330 per year, nearly all profit; close to theatres, restaurants, and hotels; Dentistry and Optics attached; a splendid opportunity for a beginner; Patents nil; rent very low; parlour let off to West-end doctor. "S." (152/6), Office of this Paper.

**£1,100** net profit per annum; old-established Light Wholesale Business in large city amongst general shopkeepers; 90 per cent. own Specialities, with increasing sales; modern warehouse; on long lease; owner retiring; no letters answered unless stating capital at command verified by solicitor's or banker's letter. 150/26, Office of this Paper.

## FOR SALE.

**ENTIRE** Fittings, by Maw, in walnut, very handsome, show-cases, plate-glass shelves, etc.; must be cleared at once; whole or part. Write for particulars, Jones & Co., Wholesale Chemists, 21 Windsor Street, Brighton.

**THE** Patent Rights of a Supporting Belt on a new principle; highly recommended by Physicians in cases of extreme Obesity, Pro-lapsus, Maternity, etc. 150/13, Office of this Paper.

## PARTNERSHIPS.

**CAPITALIST** with £1,500 to £1,800 to join Manufacturing Chemist in forming small limited company for working profitable, increasing business with exceptional prospects and valuable Patents attached; only principals, no agents. Address, "Solieitor" (149/34), Office of this Paper.

**ONE** to Five Thousand Pounds.—Gentleman, prepared to introduce capital and connection, is open to treat with Wholesale firm; Drugs, Proprietaries, or Sundries. 127/58, Office of this Paper.

**PROPRIETARIES**—Share offered in valuable Veterinary Specialities; sell readily everywhere; demand enormous; no qualification required; London or country duties; suit gentleman seeking progressive investment; will start with £300 per annum min.; capital under own control; money from the start. "Vet.," 27 Somers Road, Southsea.

## SALES BY AUCTION.

WELLS-NEXT-THE-SEA, NORFOLK.

**TO** be SOLD by AUCTION, at the CROWN HOTEL, WELLS, by GEORGE S. ANDREWS, on WEDNESDAY, the 18th day of August, 1909, at 4 P.M., in one lot, all that exceptionally well-built FREEHOLD RESIDENCE situated on the west side of Staithe Street; also the spacious and well-lighted CHEMIST'S SHOP, and garden ground with warehouse, outhouses, and offices, also a walled-in Kitchen Garden containing 30 perches (more or less), well stocked with numerous young fruit trees, bushes, and shrubs now in full bearing; together with a small greenhouse, lean-to shed, which will be included in the purchase.

The Garden immediately adjoins the Residence, and could either be retained in cultivation or admirably adapted as a Building Site, having a fine frontage of about 70 feet to Staithe Street.

Now in the occupation of Mr. F. A. Cotton under a lease for 21 years from June 24, 1908 (determinable by the tenant at 7 or 14 years), at a rental of £50 per annum.

Further particulars of the Auctioneer and Messrs. E. B. Loynes & Son, Solicitors, Wells, Norfolk.

## BUSINESSES WANTED.

**IRELAND.**—North, Dublin districts, Eastern counties, or large provincial town; genuine good-class Business; minimum net profit £250 (average); books kept. Full details, reason for disposal, class business, rent, lease, figures, opposition, etc., in strict confidence, Smith (147/16), Office of this Paper.

**LANCASHIRE** or Yorkshire; country preferred, but not essential; showing £150 net profit; genuine buyer. Full particulars, which will be treated confidentially, "Cook" (147/37), Office of this Paper.

**WANTED,** a good-class Retail and Dispensing Business, part cash down, balance by arrangement, in healthy district; country or seaside; highest references to Wholesale houses. 148/29, Office of this Paper.

## TO LET.

**NOTTING HILL, W.**—Exceptional opening for Chemist, in a thickly populated district; fine corner shop, 50-ft. frontage, and rooms over; reduced rent; £60 per annum would be accepted from responsible tenant. Keys with the Agents, Rider & Sons, 128 Ladbroke Grove, W., and Kingham & Lakeman, 10 South Molton Street, W.

**FINE** prominent corner Premises to be Let in N.W. district; exactly facing a Tube station; good neighbourhood; excellent shop, with fine basement and room at back, with water laid on, etc.; rent only £60. Write, "C. C. C.," c/o Willing's, 73 Knightsbridge, S.W.

**SHOP** to Let in Northern suburb of London, where a Chemist's Business has been carried on for over 20 years; the late proprietor has retired; this is a splendid opening for a small capitalist, as no charge is made for goodwill; there is no stock to take over and the shop is fitted; the rent very low and free to Michaelmas. For further particulars, either by letter or personally, apply, "J. H.," Sage's, 58 Gray's Inn Road, London.

**TO** Wholesale Chemists and others.—At Saltburn, North Yorkshire, in main business street, one minute from station, to Let, with immediate possession at reasonable rent, commodious five-storied block (in excellent condition, well lighted, lofty, and dry throughout), consisting of front shop (60 ft. by 25 ft.), 7 showrooms (total floor area of upwards of 12,000 square ft.), 3 warehouses (each 60 ft. by 18), 2 cellars (each 60 ft. by 20), large yard, stables, coach-house, etc.; fitted throughout with counters, cases, lockers, and trade requisites; excellent lift. Apply, W. Hornsby, Saltburn.

**TO** CHEMISTS Commencing.—An opportunity occurs to a young man of unexceptionable references as to financial soundness and personal respectability to rent a fully fitted Chemist's Shop with Wine (off) Licence attached; large and commodious house, with old garden behind, in best part of a rapidly developing seaside resort where there is not, and never has been, a Chemist established on his own account; rent £65 a year for 7 years, with option of renewal at £80 a year at the end of the term. Apply to Pelham & Bridges, Selsey-on-Sea, Sussex.

## AGENCIES.

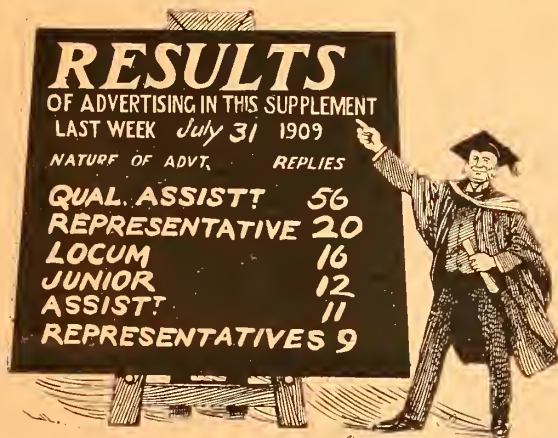
**LONDON** Agent wanted with business premises in the City; must have good connection among Chemists, Stores, and Perfumers for latest up-to-date Toilet Novelty on P.A.T.A. list. State full particulars of class of business done, with references, The Rozcau Co., Batchelor Street, Liverpool.

**ENGLISH** firm of Perfumers, specialising in Manufacture of Novelties (all prices), require representation abroad by first-class Agents in Colonies, Far East, and South America on good commission basis; highest references essential. 140/41, Office of this Paper.



# SITUATIONS OPEN.

3s. 6d. for 50 words or less; 6d. for every 10 words beyond, prepaid.



This Blackboard demonstrates that Advertisers using these columns get a ready response to their announcements. The figures only refer to some of the letters RECEIVED AT OUR OFFICE on behalf of advertisers who use a number or nom de plume.

## RETAIL.

Replies to Advertisements may be addressed to this Office and forwarded to the Advertiser for an additional charge of 6d. Trade circulars and samples can in no case be forwarded.

## TO SAVE TROUBLE.

MANY correspondents answering advertisements in this Supplement enclose remittances to cover the cost of forwarding their letters to advertisers who prefer to be addressed c/o this Office. The Publisher desires to make it clear that the Advertiser pays postal charges in such cases, and perhaps this reminder will obviate the necessity of the constant return of remittances which forgetfulness of this fact entails.

**ACCRINGTON.**—Qualified Assistant wanted; outdoors; no Sunday duty; half-holiday weekly; Light Family Retail trade. Apply, stating age, height, and salary required, with references, J. Sidebottom, Chemist, Church, Accrington.

**BAKEWELL.**—Qualified Assistant wanted; outdoors; no Sunday duty; close 2 o'clock Thursdays. Please state age, height, salary required (outdoors), and references, to E. G. Carrington, Chemist, Bakewell.

**BICESTER.**—Wanted, about third week in August, Assistant (outdoors) with good knowledge of Dispensing and country business. Apply, stating usual particulars, salary required, and references to last two employers, and enclosing photo (to be returned), J. Bates, Chemist, Bicester.

**BATHEASTON.**—Qualified, competent Manager for Branch wanted at once; married man preferred; must be a good Dispenser, with undeniable references; house, salary, and commission. Please give full particulars in first letter (letters not answered in 3 days respectfully declined), J. W. Sampson, Pharmaceutical Chemist, Cleveland Pharmacy, Bath.

**BIRMINGHAM.**—Manager, qualified, for branch; about 26; one accustomed to good-class trade, with Photographic; half-day each week; no Sunday duty; outdoors. Apply, stating age, height, experience, and salary required, 149/4, Office of this Paper.

**BOMBAY.**—Wanted, qualified Assistant (under 25 years of age) for a good Dispensing Business. Apply for terms and particulars to "R. L.," c/o S. Maw, Son & Sons, 7 to 12 Aldersgate Street, E.C.

**BRISTOL.**—End of August, Manager for Castle Street branch; Photographic and General; hours 8.30 to 8.30, Saturdays 10.30, half-holiday Wednesday; no Sunday duty; outdoors. Chandler & Son, Chemists, opposite Lawrence Hill Station.

**CALCUTTA.**—Minor man with good experience required for Calcutta; age under 28; 4 years' agreement; passage paid out and home. Full particulars on application to 140/15, Office of this Paper.

**CARDIFF.**—Temporary Assistant wanted, with good Dispensing experience. Salary (outdoors) and references, Duck & Son, Cardiff.

**CHELTENHAM.**—Dispenser in first-class Dispensing and Optical business; good opportunity to gain experience; 3 kept; indoors; comfortable home. State experience, salary required, etc., Saxby, Cheltenham.

**CLEVEDON, SOMERSET.**—Wanted, immediately, smart gentlemanly Assistant (outdoors) with good knowledge of Dispensing and Photography; permanency to suitable applicant; hours medium; good-class business. Apply, giving full particulars in first letter, with photo if possible, to Rees Barrett, Triangle Pharmacy, Clevedon, Somerset.

**CROYDON.**—Junior Assistant, unqualified, wanted; aged about 20; indoors. State age, height, salary required, and experience, F. H. Davies, Chemist, Thornton Heath.

**EAST COAST.**—Wanted, steady, reliable, qualified Assistant; beginning of September; good Prescriber and able to take charge. Full particulars and salary required to 149/13, Office of this Paper.

**EXETER.**—Messrs. Broom, Reid & Co. require Assistant (about 24) as Dispenser; outdoors; must have had previous experience in first-class Dispensing establishment and be of good address. State all particulars, salary required, and enclose photo, to Mr. Harris, 2 Queen Street.

**GREENOCK.**—Chemist (lady, qualified) wanted for West Blackhall Street; state age, reference, salary expected. Apply, MacNaught, Chemists, Greenock.

**HASTINGS.**—Young permanent qualified (indoors) as Second Assistant, required by middle or end of September; weekly half-holiday; three weeks yearly; must be reliable Dispenser. Apply, with photo if possible, and references, Neve & Co., Pharmacists, 12 Wellington Place, Hastings.

**HYDE.**—Wanted, end of August, for a good-class Mixed business in manufacturing town near Manchester, a smart, qualified Assistant; must be good Counterman and Dispenser; outdoors; reasonable hours; no night or Sunday duty; half-holiday weekly; comfortable berth to a suitable man. Send full particulars with photo in first letter, Geo. Wild, Chemist, Hyde.

**INDIA.**—A qualified Assistant wanted; 4 years' agreement; salary £200 first year and additional £20 each year; fare (P. & O. second-class) paid out and home. Apply, with photo and testimonials, to "R. L.," c/o S. Maw, Son & Sons, 7 to 12 Aldersgate Street, E.C.

**LEICESTER.**—Wanted, qualified Assistant for quick Store trade; short hours. Send full particulars to "Omega" (148/24), Office of this Paper.

**LIVERPOOL.**—Wanted, at once, a smart unqualified Assistant (about 28 or 30 years), for middle-class business; must be sober, a good Counterman and Window-dresser; Extractor preferred. Apply, stating age, salary required (outdoors), references, photo, if possible, to "Liver" (150/24), Office of this Paper.

**LIVERPOOL.**—A good Junior Assistant (indoors) for Light Retail and Dispensing business; easy hours and half-holiday. Send photo and full particulars, Taylor, Chemist, Woolton, Liverpool.

**LONDON.**—Gentleman required to Manage small Retail and Dispensing business with the help of a Junior Assistant; preference given to one who could take a share and ultimately succeed; salary £9 a month, with commission. Apply, "S. W." (148/10), Office of this Paper.

**LONDON, E.**—Wanted, 2 qualified Assistants and 2 unqualified Juniors; only capable, sober, and industrious men need apply; single preferred; live in or out. Applicants please state every particular, salary required, etc., or letters will be left unanswered (ladies may apply), to Nobles, Ltd., 2 Well Street, Cable Street, E.

**LONDON, S.E.**—Smart qualified Assistant wanted; must be thoroughly reliable and able to take charge. Apply, Jones, 161 New Cross Gate, E.C.

**LONDON, S.W.**—Wanted, a reliable unqualified Assistant with good experience in Dispensing and Counter; age about 25-27; indoors; personal interview preferred. Apply, Davies, 485 King's Road, West Chelsea, S.W.



**LONDON, W.**—Wanted, immediately, a qualified Dispenser; also Assistant (Counterman); easy hours; no Sunday duty. Apply, R.E. Baron, Chemist, Jno. Barker & Co., Ltd., Kensington, W.

**LONDON, WEST.**—A qualified Assistant (Senior) is required, immediately, for an old-established Pharmacy; indoors. Letters, in first instance, giving full details, previous experience, age, salary required, height, etc., to "Aspirin," 3 Crinaere Road, Willesden Green, N.W.

**LONDON, N.W.**—Qualified Assistant to manage small branch; N.W. London suburb, one who could do Dental work on mutual terms preferred; indoors; temperate habits. Apply, with photo if possible, and salary required, Balchin, 27 Church Road, Hendon; N.W.

**LONDON, S.W.**—Required, Counter Assistant: under 30 years of age; preference given to one with knowledge of Surgical Instruments; outdoors; short hours. Write, 1271, Sell's Advertising Offices, Fleet Street, E.C.

**LONDON, S.W.**—Gentlemanly Assistant required; accustomed to good-class Counter trade; about 25 years of age; outdoors. Address, stating experience and salary required, to 1270, Sell's Advertising Offices, Fleet Street, E.C.

**LONDON, W.**—Wanted, Junior Assistant for Stock and to assist at Dispensing Counter; outdoors. "Phenol" (151/25), Office of this Paper.

**LONDON, S.W. (Country Town).**—Manager, qualified, wanted for a small business; capable of increase; must be a worker, steady, and trustworthy. Photography, Optician, or Dentist preferred. Moderate salary and commission; permanency; good references will be required. 149/24, Office of this Paper.

**LONDON, W.**—Wanted, qualified Assistant; knowledge of Photography; half holiday weekly; hours for meals. Apply, giving full particulars as to age, height, salary required, and references, to "Metol" (149/8), Office of this Paper.

**LONDON, N.W.**—Qualified Assistant wanted for Dispensing business. Apply, P. Davidson, Pharmaceutical Chemist, Greenhagh Cottage, Huntly, N.B.

**LONDON, W.**—Qualified Assistant (Indoors) required for Mixed business; one who can Extract preferred. Apply, stating full particulars and salary, to G. M. Watson, Chemist, Wargrave, Berks.

**OLDHAM, Lancs.**—qualified, wanted, about August 23 to September 4 inclusive. State salary required and send references to R. M. Croxall, Chemist, 340 Manchester Street, Oldham.

**OLDHAM.**—Wanted, qualified Assistant; outdoors; state age, height, experience, references, and salary required, with photo. Address 148/27, Office of this Paper.

**ST. ANNES-ON-THE-SEA.**—Indoor Assistant, about 20; September 1 or thereabouts; some knowledge of Dispensing and good appearance and address essential. Please state age, height, salary required, and enclose photo (last important), J. H. Taylor.

**STAMFORD.**—Wanted, immediately, a smart, gentlemanly Junior for good class Country business; indoors; comfortable home; private sitting room. Apply, stating full particulars, also salary required and enclose photo (if convenient), to Ennals, Pharmacist, Stamford, Lincs.

**ZURICH, SWITZERLAND.**—Wanted, young qualified Assistant for October 1; opportunity to learn German and French. Apply, with references, to A. O. Werdmüller, Centralapotheke, Zurich.

**A COMPETENT** Dispenser for about 5 weeks. State experience, age, height, and salary required (outdoors), and if convenient enclose photo, to D. T. Evans, Farningham Lodge, Margate.

**A QUALIFIED** Assistant of gentlemanly appearance and address, with good recent references; must be steady, industrious, and a good Salesman. Apply, with all particulars as to age, height, experience, salary required (outdoors), Parson C. Baker, 174 Victoria Street, S.W.

**A SMART** up-to-date qualified man as Branch Manager, who can produce good credentials. Apply, with all particulars, to Griffiths, Chemist, Droylsden.

**A LLEN & HANBURY, LTD.**, require an Assistant for the Dispensing Counter. Apply, Manager, Plough Court, Lombard Street, E.C.

**ASSISTANT**; qualified; outdoors; well up in all branches of the business; good salary to suitable man; duty twice a week; Sunday divided between 3; early afternoon weekly; 14 days' annual vacation. Full particulars as to age, height, reference, and photo, Fk. J. Oliver, Maidstone.

**ASSISTANT** in Mixed Drug and Grocery business in market town; short hours; no Sunday duty; half-holiday; must be an abstainer. 149/17, Office of this Paper.

**ASSISTANT**, qualified, outdoors, wanted immediately. Please state age, height, experience, and salary required to "Chemist," 11 Marina, High Street, Herne Bay.

**EARLY** in September, a competent Assistant as Branch Manager; qualified and accustomed to high-class Dispensing and Retail, with Photography; to live on premises; permanency to suitable man. Give full details of experience, age, height, salary required, and enclose photo to D. T. Evans, Farningham Lodge, Margate.

**EXPERIENCED**, qualified Assistant (outdoors) for good-class Retail and Dispensing business; quick and accurate Dispenser essential; comfortable permanency; Junior kept. Full particulars, with salary required, Gould, Pharmacist, Teddington, S.W.

**FOR** seaside, competent Assistant; good Counterman and Dispenser; reliable and of temperate habits; knowledge of Photography preferred. State salary, in or out doors, age, height, and last reference, enclosing photo if possible, Bevan, Pharmacist, Harwich, Essex.

**JUNIOR** Assistant; outdoors; good-class Dispensing, Photography; end of month. Salary, photo, and particulars, Simpkins, Chemist, Stourbridge.

**LOCUM**, for 1 month or longer, from August 15; used to good-class Store trade; permanency found for good man. Full particulars in first letter (if photo sent please write name and address on back), Miller, 389 High Street, Cheltenham.

**LOCUM**, qualified, for August 16 to 28 inclusive, with knowledge of Optics preferred; state salary required (indoors); references, etc., must be first class; assistant kept. Apply, either personally or by letter, C. Cowles, 1 West Ham Lane, Stratford, E.

**MR. STAMP** has a vacancy for a qualified Assistant; indoors; no Sunday duty; also next week for qualified Locum. Apply to Mr. Stamp, Pharmaceutical Chemist, High Street, Hampstead.

**MESSRS. STONE & SON** require a qualified Assistant. Apply, stating experience, etc., to 166 Fore Street, Exeter.

**PATENT** Medicines.—Smart Saleswoman required to take charge of department and assist in Buying; must thoroughly understand the trade and be accustomed to a quick turnover. Apply, stating age, references, and salary required, to Lewis's, Ranelagh Street, Liverpool.

**QUALIFIED** Chemist's Assistant required for London Retail house; short hours; close at 2.30 Saturdays; salary 45s. per week. Apply, by letter, stating age and previous experience, to "Minor," o/o Street's, 30 Cornhill, E.C.

**ROYAL SOUTH HANTS AND SOUTHAMPTON HOSPITAL.**—Male Dispenser required; candidates must hold Minor qualifications and be willing to engage for 12 months; salary £60 per annum, with rooms, board, and washing. Applications, stating age, with testimonials (limited to 5), to be sent to the undersigned before the 12th August. T. A. Fisher Hall, Secretary. July 30, 1909.

**TEMPORARY** qualified Assistant, for 2 or 3 weeks, about August 20. Full particulars to A. J. Pratt, Chemist, Reigate, Surrey.

**WANTED**, for about 21st inst., for a week, young Assistant as Locum; not necessarily qualified. Wyatt, Broadway, Mortlake.

**WANTED**, qualified Assistant for the Retail Counter; also temporary Assistant for holiday season, need not be qualified. 149/9, Office of this Paper.

**WANTED**, immediately, two Dispensers for Government Asylum, Robben Island, Cape of Good Hope; applicants must possess the full qualifications of the Pharmaceutical Society and have had previous institution experience; engagement for 3 years; salary offered to first appointment £170, and to the other £120, per annum; in both cases there will be an annual increment of £10; free quarters, ration allowance (valued at £25 per annum), and also second-class passage from London provided in both cases; candidates must be single, under 35 years of age, and it is essential that they should be prepared to leave England immediately the appointments are made. Apply, by letter, stating qualifications and enclosing copies (not originals) of two recent testimonials, to the Agent-General for the Cape of Good Hope, 100 Victoria Street, Westminster, S.W.

## WHOLESALE.

**COUNTRY** Traveller required with good connection for own-name Soaps and Perfumery; the right man will be liberally dealt with as regards salary, commission, and expenses. Apply, stating full particulars (in confidence), to "C. T." (124/37), Office of this Paper.

**DRUG** Trade.—Invoice Clerk required; age about 20; must be good writer and quick at figures. Apply by letter, stating experience and salary required, to C. J. Hewlett & Son, Ltd., 35/42 Charlotte Street, London, E.C.



# SITUATIONS OPEN *(continued).*

**EXPERIENCED** Representative required for India and the East by firm of Wholesale Druggists. Apply, stating experience, terms, etc., to 148/37, Office of this Paper.

**LABORATORY and Counter Hands.**—Wholesale house has several vacancies for energetic young men of steady habits and having sound knowledge of the trade; applicants are particularly advised to give full details of experience and wages required. Vacancies for a few Juniors: hours 5½ weekly. Replies (in confidence), "Manchester" (147/18), Office of this Paper.

**LABORATORY.**—Wanted, in our Pharmaceutical Laboratory, a smart young man having had a really good experience in the Manufacture of Pharmaceutical preparations as required by the Medical Profession. Philip Harris & Co., Ltd., Birmingham.

**QUALIFIED** Chemist required to take charge of Wet floor; good prospects for an energetic and capable man. Apply, stating full particulars and salary required, to the Chemist's Co-operative Wholesale, 5 and 7 Laburnum Street, Kingsland Road, London, N.E.

**WANTED**, smart Salesmen for Ireland and Scotland with sound connections with Chemists, to carry as Side-line well-known Household Commodity; popular price; sells at sight; repeat orders everywhere; free samples, literature and attractive matter for window-displays; commission and part expenses; chance of quick promotion for right man. State age, experience, and ground covered, references, 127/64, Office of this Paper.

**VACANCY** occurs in the Buying department of a London Wholesale Drug house for youth of about 17; good opportunity for smart young man; some previous experience in the trade desirable. Please give particulars of experience and salary expected, 152/12, Office of this Paper.

**WANTED**, experienced Coater (young) in Tablet House. State experience and salary required, 149/26, Office of this Paper.

**YOUTH** wanted to assist stockkeeper and take out goods to branches: one with some Wholesale experience and able to write well preferred. Frizell & Co., Chemists, Leicester Square, W.C.

## SITUATIONS WANTED

*(Colonial, Indian, and Foreign).*

**1s. for 12 words or less; 6d. for every 10 words beyond, prepaid.** Replies addressed to this office will be forwarded to the advertiser for an additional charge of 6d.

*This heading is reserved for assistants seeking situations in the British Colonies, India, and Dependencies or elsewhere abroad.*

**CONTINENTAL.**—Pharmacist desires Paris or Riviera engagement; West-end experience; excellent references. Address, "Paris" (149/40), Office of this Paper.

## SITUATIONS WANTED.

**1s. for 12 words or less; 6d. for every 10 words beyond, prepaid.**

### [HOME.]

### RETAIL.

**LOCUM**, Dispenser, etc.; 30; reliable and experienced in Doctor's Surgery, Institution, and Chemists' work. Write or wire, "Dispenser," 38 Sutherland Square, Waltham, S.E.

**PART-TIME**; all-round experience; excellent references. Marns, 71 Army Street, Clapham.

**JUNIOR**; 20; 4 years' all-round experience in good-class business. 147/27, Office of this Paper.

**MANAGER** or Locum. N.B.—This ad. is well worth a reply. 148/2, Office of this Paper.

**JUNIOR**; knowledge Dispensing, Photography; Part-time if necessary. Clark, 6 Cherry Street, Birmingham.

**QUALIFIED**; 29; first-class London and Continental experience; fluent French. 147/15, Office of this Paper.

**IMPROVER**; 21; 5 years' excellent references; London experience. R. Gould, 5 Sea Road, Boscombe, Bournemouth.

**JUNIOR Assistant** seeks situation; aged 22; 4 years' experience; disengaged. Fisher, 53 King Street, Cambridge.

**PERMANENCY** or temporary; outdoors; 32; unqualified; disengaged. "J. K.," 37 Kenton Road, Hackney, N.E.

**UNQUALIFIED**; 29; good all-round experience; accurate Dispenser. "F. S.," Highfield, Bowgreave, Garstang.

**MANCHESTER DISTRICT.**—Assistant; 23; good experience; unqualified. "Tinetera," 336 Bolton Road, Pendlebury.

**SURGEON'S** Dispenser or Locum; unqualified; experienced; moderate salary; good references. 145/39, Office of this Paper.

**ASSISTANT**; 25; Counter, Photography, Prescribing; Window-dressing; outdoors; disengaged. Campbell, 45 Herbert Street, Cambridge.

**PART-TIME**; near South London schools; Hall qualification; abstainer; indoors. Please reply, "Student" (148/35), Office of this Paper.

**JUNIOR** or Improver requires situation in Dispensing Pharmacy; disengaged end of August. Apply, Hind, c/o J. Addison, Dispensing Chemist, Bishop Auckland.

**GERMAN** Chemist (25), energetic, speaking English, wants engagement in Dispensing business as Assistant; salary no object. 148/11, Office of this Paper.

**JUNIOR**; 23; unqualified; Extractor; able to take Impressions, etc.; taught Dentistry by a Dentist; working town preferred. Price, 85 Cemetery Road, Southport.

**ASSISTANT**; 36; experienced in Dispensing, Counter, and Photographic trade; active, energetic; unqualified. "Statim," 22 Surrey Road, Bishopstone, Bristol.

**JUNIOR**, disengaged, requires situation for 2 months; English and Continental experience; excellent references. A. Segala, c/o Bateman & Co., 509 Finchley Road, London, N.W.

**UNQUALIFIED**; 26; good experience; excellent references; abstainer; disengaged shortly; Midlands or North; in or out doors. Full particulars, Thornley, 21 High Street, Bognor.

**QUALIFIED**; 32; used to Mixed business; Manager or outdoor Assistant; disengaged September 1; Buckinghamshire or district preferred. Write, "Velox," 34 Frances Road, Bournemouth.

**MANAGER** or Locum; experienced Buyer, Prescriber, and Extractor (own instruments); disengaged. Mr. Watson, Registered Chemist and Dentist, 851 Ashton Old Road, Manchester.

**QUALIFIED**; age 22; 5 years' high-class Retail and Dispensing experience, London and provincial; Photography; highest references; outdoors; South Coast, Brighton or thereabouts, preferred. "Pharmacist," 30 Gladys Avenue, North End, Portsmouth.

**MANAGING Assistant**; 30; tall; thoroughly competent; smart Window-dresser, Dispenser, and Counterman; disengaged shortly; good references; permanency only; unqualified; 16 years' experience. Hodgkies, 1 Whitehouse Villa, Clarendon Road, Croydon West.

# SITUATIONS WANTED (continued).

**LOCUM**; qualified; disengaged. "Chemist," 12 College Road, Kensal Rise, N.W.

**LOCUM**; qualified; 31; excellent references. F. W. Manning, 24 Church Road, Hove, Brighton.

**LOCUM**; qualified; reliable; disengaged August 11. Holme, Manor House, Yardley Hastings, Northampton.

**JOHN PYE** will be disengaged after August 21. 62 Lynette Avenue, South Side, Clapham Common.

**JUNIOR**; 7 years' experience; unqualified; good Counterman. "Rubwel," 95 Waterloo Road, Aldershot.

**IMPROVER**; 18; good General experience; Photography; indoors preferred. "S., Roper, Chemist, Kingston.

**LADY** Dispenser and Bookkeeper; disengaged; qualified; excellent testimonials. 150/3, Office of this Paper.

**ASSISTANT** or Locum; 23; 5 ft. 6 in.; experienced. "M., Stone's Drug-stores, 152 Camberwell Road, S.E.

**YOUTH** (19) seeks situation as Junior; 3 years' experience; passed Prelim. Apply, 149/1, Office of this Paper.

**LOCUM**, disengaged about September 11, for holiday duty; best references. Apply, Follows, M.P.S., Tunstall, Staffs.

**MANAGER** or Senior, with view to succession preferred; 33; qualified; single. Apply, 149/3, Office of this Paper.

**UNQUALIFIED** Assistant; 20; good Dispensing experience. H. Freedland, 23 Heywood Street, Cheetham, Manchester.

**LOCUM** or permanency; qualified; competent, reliable; exceptional experience. Jones, 14 Market Place, Faversham.

**ASSISTANT** or Branch; unqualified; 32; 16 years' all-round experience; country preferred. "Phenol" (150/8), Office of this Paper.

**QUALIFIED** Manager; 33; re-engagement; modern experience; excellent references; married. "Theah," Macrae, 235 Anlaby Road, Hull.

**M.P.S.**; temporary or permanent Manager; disengaged August 28. "Refractionist," 51 High Road, South Tottenham.

**NEWCASTLE-ON-TYNE** or District.—Manager or Locum; disengaged shortly; highest references. "Qualified," 7 Hamilton Terrace, North Shields.

**LOCUM** or Manager; qualified; 28; good-class London and provincial experience; excellent credentials. "Pharmacist," 53 Osborne Road, Leicester.

**YOUNG** lady (22) seeks engagement with Doctor or institution; 4½ years' experience; knowledge of Bookkeeping. Apply, 148/32, Office of this Paper.

**SURGEON'S** Dispenser (certified) or Locum; single; reliable; experienced; excellent testimonials. Address, "Binaural," 320 Kentish Town Road, N.W.

**EXPERIENCED**; 14 years in last situation; aged 39; unqualified; has managed various branches; other good references. "W. G. S., Victoria Chambers, Paignton.

**MANAGER** or Senior; 35; qualified; best-class and little Store experience; excellent references; ultimate succession or interest in business entertained. "Pharmacist," 26 Musgrove Road, S.E.

**AS** Dispenser (Lady); 25; Hall qualification; last engagement nearly 4 years; excellent references; disengaged; live in or at home. "Ambleside," Carshalton Park Road, Carshalton, Surrey.

**WILL** any Chemist give employment to man (39) who lost his last situation through slight indiscretion; married; unqualified; hard worker; excellent Counterman, Prescriber, Extractor, Photography, and Optics; used Sales Management. "Chemist," c/o Hon. Secretary, 55 Bryanston Street, W.

**JUNIOR**; 3½ years' experience. Ferris, c/o Bateman, Chemist, 509 Finchley Road, N.W.

**JUNIOR**; 21; good Dispensing and Counter experience. "J., 35 Cedar Road, Nottingham.

**JUNIOR**; free Thursday 2 to 10; good reference; not afraid of work. 152/15, Office of this Paper.

**LOCUM**; August 23-September 11; experienced; tall; 22. "Pharmakon," 30 Oxford Road, Ealing.

**CHEMIST'S** handy man; energetic, young, reliable. "M., 23 Netley Street, Hampstead Road.

**DISENGAGED**; unqualified; several years' experience. R. M. Lelcan, 11 Princess Road, Leicester.

**ASSISTANT**; disengaged; experienced; references; town or country. Dale, 98 Mildmay Road, N.

**UNQUALIFIED** Assistant; disengaged; used to Mixed Country business. Vawser, Elwyn Road, March.

**LOCUM**; well experienced; highest references; disengaged August 16. "G., 13 Ingersoll Road, W.

**ASSISTANT**; 27; unqualified; excellent reference; disengaged. Innes, 10 Roseneath Road, Clapham Common.

**LOCUM** or otherwise; Surgeon's Dispenser, Hospital or Retail; well up. "R., 4 Sandringham Road, Willesden Green.

**LOCUM** or temporary Manager; qualified; experienced; 30; highest references; disengaged. Bryan, 36 Fitzroy Square, W.

**PART-TIME**; 22; half-day weekly; Photography, Dispensing; Liverpool preferred; outdoors. Apply, 152/21, Office of this Paper.

**BRIGHTON**.—As Chemist's Bookkeeper; 2 or 3 hours daily; can assist at Dispensing-counter if required. "Statim," 253 Elm Grove, Brighton.

**DISENGAGED**; Dispensing, Prescribing, Counter; energetic; unqualified; outdoors; married; competent. "Charles," 4 Henry Street, Bath.

**A YOUNG** Swiss Druggist, speaking German, French, and English, seeks London position early in September. "J., 59 Christchurch Street, Ipswich.

**LOCUM**, permanency; 6 ft.; 33; good appearance; West-end experience; good Dispenser; disengaged August 8. "H., (152/17), Office of this Paper.

**TEMPORARY**; qualified; 26; tall; good references; disengaged August 23 till end of September; terms moderate. "R. L., (149/22), Office of this Paper.

**QUALIFIED** (22) seeks Locum work until October; excellent references; Dispensing experience and Photographic. "Minor," 35 St. Helen's Crescent, Hastings.

**DISENGAGED** August 28; 10 years'; unqualified; Manager, Locum, or permanency; aged 33; work up branch; Extractions. 69 Norman Road, Ilford Lane, Ilford.

**AS** Manager; qualified; 35; West-end, City, or South Coast; first-class Retail and Dispensing experience; first-class references; disengaged September 15. 151/38, Office of this Paper.

**MANAGER**, Locum, Assistant; qualified; exceptionally good all-round experience; excellent references; trustworthy and reliable. "Aspirin," 17 Daneville Road, Denmark Hill.

**JUNIOR** (19½) seeks outdoor situation; 3½ years' experience; excellent reference; knowledge of Dispensing, Photography; disengaged August 14. Martin, 3 Caledonian Road, Chichester.



**ADVERTISER** is open for Locum or permanent engagement; thoroughly reliable, and exceptionally fitted to increase business; highly recommended. "A. B.," 4A Devonshire Road, Holloway, N.

**UNQUALIFIED**, competent Assistant; 28; good Dispensing experience; capable Salesman; Photography; excellent references; at liberty Monday week. Nicholson, 63 Stephens Road, Tunbridge Wells.

**GERMAN** Chemist; 25; fully qualified (Apotheker mit deutschem Staatsnamen); excellent testimonials; willing; disengaged; could enter at once; good knowledge of English. Lebachelle, 12 Do Crespigny Park, Denmark Hill, S.E.

**QUALIFIED** Chemist and Optician (F.S.M.C.) desires Management of good-class provincial business; a good salary will be expected, for which full value will be given. "Co-secant," o/o Evans Sons Lescher & Webb, Ltd., Liverpool.

## WHOLESALE.

**TRAVELLER**, disengaged, open to sell Soluble Essences, etc.; good connection. 149/6, Office of this Paper.

**ADVERTISER** wishes to Travel for good house, Drugs or Sundries, in Wales. Reply, 150/7, Office of this Paper.

**PHARMACEUTICAL** Chemist (Scotsman, 24), disengaged, seeks post in Wholesale Laboratory. 148/28, Office of this Paper.

**YOUTH** (19), energetic, seeks situation in Laboratory; some knowledge Chemistry and Retail. 147/35, Office of this Paper.

**GERMAN** Druggist, speaking English, accurate worker, wants engagement in Wholesale house. 148/12, Office of this Paper.

**WET** Counter; young man requires situation; good experience; 8 years in West-end house. "H. D.," 147 Arlington Road, Camden Town, N.W.

**TRAVELLER**, representing a well-known London firm in South Wales, desires additional Agency on same ground. Terms, etc., 150/22, Office of this Paper.

**YOUTH** (18) seeks situation in Wholesale Laboratory; 3 years' experience in Retail trade; disengaged end of August. Apply, 150/19, Office of this Paper.

**TRAVELLER** desires one or two high-class Specialities (Doctors); commission and small share of expenses; North of England. "Santonin" (150/1), Office of this Paper.

**AS TRAVELLER**; Wholesale Druggists and Drysalters; some knowledge of Travelling; 9 years' Retail; energetic; aged 27. "Commercial" (147/53), Office of this Paper.

**PERFUMERY**.—Gentleman desires position as Representative, North of England and South Scotland, for high-class Perfumery house. Apply, "North" (150/30), Office of this Paper.

**TRAVELLER** (33), experienced, good appearance and address, requires appointment for South and West of England as Representative with Drug house; excellent references. 149/21, Office of this Paper.

**ADVERTISER** (27), with 14 years' all-round experience, energetic, good systemiser and organiser, controlled several large departments, desires similar position; excellent references. 147/26, Office of this Paper.

**ITALY**.—Splendid opportunity; Italian Chemist as Representative, Traveller, to establish depot; reliable, skilful in organising, creating sales; connection with Medical men in Italy; now in London. Write, "Signore" (146/38), Office of this Paper.

**REPRESENTATIVE** desires appointment to call on Brewers, Distillers, Manufacturing Confectioners, Mineral-water Manufacturers, etc., in the South of England for Chemicals, Essences, Essential Oils, etc. 149/201, Office of this Paper.

**CHEMIST** (by exam.) wishes to Represent Drug and Sundry house as Side-line on commission; has high-class connection of long standing in chief towns England, Scotland, and Wales; highest references. "A. P. S." (149/43), Office of this Paper.

**TRAVELLER**, representing a well-known London firm amongst Doctors in the Northern Counties, wishes to Represent another firm (Sundries or Specials) amongst Chemists; has a very valuable connection. "North" (127/65), Office of this Paper.

**MANUFACTURING** Chemist, F.C.S., with London experience, general Manufacturing and Specialities, Analysis, and Drug Standardising, desires appointment in Wholesale house; practical knowledge of every department. 151/36, Office of this Paper.

**WHAT'S THIS?**—Satisfaction Assured.—Up-to-date Drug, etc., house requiring thoroughly energetic, experienced, and trustworthy Pharmacist, with excellent credentials and appreciable connection, as Travelling Representative; security, correspondence, and interview solicited. Address propositions, 151/28, Office of this Paper.

## MISCELLANEOUS.

**MACADAM & TUCKNISS**, Sharedealers, 30 Tranquil Vale, Blackheath, S.E. Telephone 81A Lee Green.


**SHARES FOR SALE** (free of commission, subject).—100 Allen & Hamburys "A" 6 per cent. Prefs., 24s. 10d.; 145 Ayrton, Saunders & Co. 5 per cent. Prefs., 18s. 9d. o.d.; 83 Camwal Ordinary, 1s. 3d.; 200 Idris "A" Ordinary, 3s. 3d.; 340 "A" 6 per cent. Prefs., 6s. 7d.; 100 Quinine Bitters, 10s. 1d.; 100 A. J. White Ordinary, 2s. 3d.; 200 Prefs., 11s.; 25 Pears Ordinary, 32s. 9d.; 100 Mellins 6 per cent. Prefs., 20s. 3d.

**WANTED** (subject).—50 Camwal Prefs., 5s. 10d.; 30 G. B. Kent Prefs., 16s. 3d.; 100 Lewis & Burrows Prefs., 11s. 3d.

List of shares for sale and wanted sent free on application. Bankers, London and County. Established 1898.

**WE HAVE WHAT YOU REQUIRE**, Drug Fittings, Counters, Wall-cases, Dispensing-screens, Perfume-cases, etc., in almost all sizes; second-hand; condition first-class; prices reasonable. Write for sketches and details giving approximate sizes, or call and inspect. RUDDUCK & CO., 262 OLD STREET, E.C.

**COMPLETE FITTINGS FOR SHOP**.—In excellent condition; as good as new; 12-ft. drug fitting, 6-ft. wall-case, 6-ft. screen and counter, 8-ft. serving-counter, perfume-case and desk; £30 the lot; a great bargain. PHILIP JOSEPHS & SONS, LTD., 93 Old Street, London, E.C.



**1/3**

**GUMMED PRICE TICKETS**

Crimson ground, white figures. Stocked in all usual prices up to 21/-, each price banded separately in hundreds. The Medium, 9d. per 1,000. The Maximum, 16/-, assorted 10 prices. Full illustrated list of Blanks for use with these tickets free on application.



**10<sup>d</sup>**

**DUDLEY & CO., Ticket Writers & Printers, Holloway, London**

## RESULT OF A WINDOW DISPLAY.

"I sold as the result of the last window display 14 doz. bottles. More than I have previously sold in a year before," wrote a Pharmacist this week. That was a refined attractive window display that sold the goods, and if you wish to do the same, and increase your business, you must have Good Business Ideas, Attractive Window Displays, and Systematic Advertising, which is all in my business-pulling system. No catchpenny ideas. Booklet "How to INCREASE YOUR BUSINESS," sent post free on receipt of post card to pharmacists.

**J. R. B. ALLISON, Pharmacist & Business Specialist, RETFORD.**

# Exchange Column—Bargains.

## FOR DISPOSAL.

### APPARATUS.

**BALANCE** (chemical), by Bunge, short beam, quick weighing; practically unused;agate parts throughout; accurate to fourth decimal point; magnifying index; cost more than £10; would clear at £6; can be seen any time. "W. M.," 16 New Cavendish Street, London, W.

### BOOKS AND PERIODICALS.

**BOOKS.**—Good condition, carriage forward, Ramsay's "Chemistry," 1s.; Jones's "Practical Chemistry," 9d.; Roscoe's "Chemistry," 2s.; Starr's "Diseases Children," coloured plates, cost 15s., 10s. ARMSTRONG, 343 Upper Street, Islington.

### DENTAL.

**FIVE** odd forceps; one new; plated; 5s. 59 Selsdon Road, S.E.

### FORMULÆ.

**FORMULA** for sale; coffee essence. FRANCE, 42 Vartry Road, Tottenham, London, N.

**VETERINARY** medicines—Scour, redwater, hoose, ringworm, etc.; 12 in all; 6s.; special offer. Dobbs, Crumlin, Antrim.

### OPTICAL AND PHOTOGRAPHIC.

**LENSES** (spherical), also gold-filled frames; the lot 45s.; bargain. "Serpents" (149/28), Office of this Paper.

**FOR** sale, Frena plate hand camera with four magnifiers; good condition; cost £8 15s.; will accept £2 5s. SUTCLIFFE, Cavendish Road, Bisham, Blackpool.

### SHARES.

**SHARES** for Sale. See p. 61.

**TEN** A. J. Caley £10 "A" ordinary shares; what offers? Apply, 150 10, Office of this Paper.

## PROPRIETARY ARTICLES.

**WHAT** offers?—Armour's soap, 2½d., 1½ gross (assorted); 2 doz. 1s. Glacier ballroom floor polish; Vinolia preparations, soaps (all kinds), cream, powder, 1s. dentifrice, shaving-sticks; excellent condition; 1 doz. 1s. Zenobia soaps (assorted). DOWNING, Pharmacist, Exeter.

## SHOP FITTINGS.

**DOORWAY** show-case, with plate-glass shelves. Offers, CROUCH, 47 Gresham Street, E.C.

**MAHOGANY** and plate case and desk, mirror back; best condition; 40s. WILCOCKSON, Chemist, Southampton.

**FOR** sale, beautiful oak roller-top desk, cost £10 10s., quite new, sacrifice £6, exchange saleable patents the value £7; upright 6-sided showcase, 36 divisions, will reverse, 20s., exchange the value 25s.; wanted recess labels, bottles. JONES'S DRUG STORES, Walkden.

## MISCELLANEOUS.

**SMALL** cylinder printing press; easily worked by boy; worth £15; accept £8 or exchange (typewriter preferred); what offers? HIGHWATER, Hop Exchange, Southwark.

**CHARTER** aerator and syphon-filling machine, cost £33, splendid condition, sacrifice £7 10s. or near offer; write for particulars; Burroughs Wellcome's water-analysis case, cost £2 2s., bargain £1, as new. BROWN, Market Square, Buckingham.

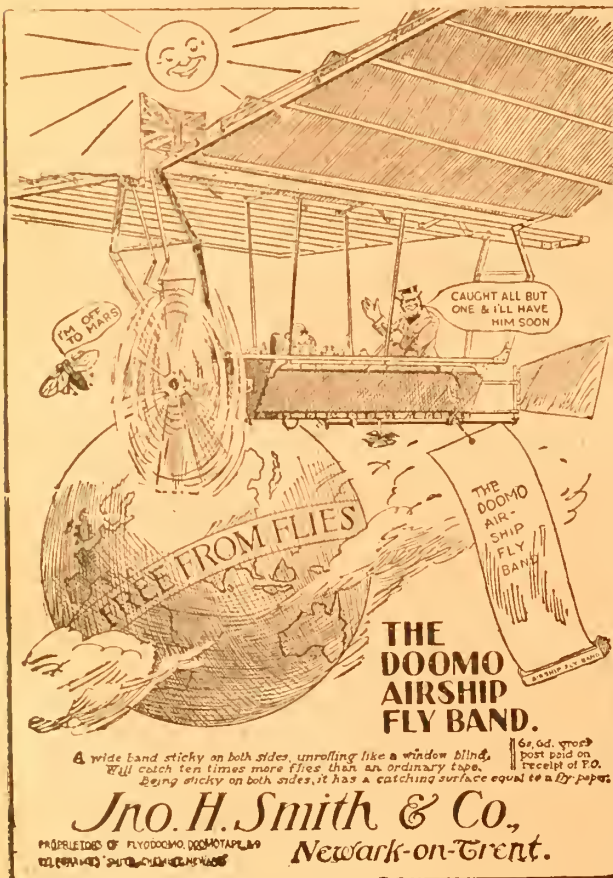
## WANTED.

**KAX** tablets; 1s. 1½d. Write, HARDMAN, 80 Wellington Road, Leeds.

**OPTICIAN'S** travelling trial-case; cheap. Particulars, WALLACE, 96 Victoria Road, Aberdeen.

**GOOD** folding hand camera, 5 by 4, with light sheaths; aluminium preferred. 144/28, Office of this Paper.

**MINOR**, Major, Chemists' books.—Send prepaid for valuation; cash offers per return. GOWER, Bookseller, Waterloo, Liverpool.



**THE DOOMO AIRSHIP FLY BAND.**

A wide band sticky on both sides, unrolling like a window blind. Will catch ten times more flies than an ordinary tape. Being sticky on both sides, it has a catching surface equal to a fly paper.

**Jno. H. Smith & Co.,**  
Newark-on-Trent.

6s. 6d. gross post paid on receipt of P.O.

# FLYODOOMO

sticks to its reputation,  
and flies keep up their  
reputation of sticking to

# FLYODOOMO

Per Gross **5/-** Carriage Paid.

*The old favourite.  
Always good stock.*

**JNO. H. SMITH & CO.**  
Doomo Works,  
NEWARK-ON-TRENT.



## American Notes.

(From the "C. & D." Correspondent.)

**MISBRANDED.**—Makers of peroxide creams and face-powders have been warned by the Department of Agriculture that where these preparations do not contain sufficient peroxide of hydrogen or zinc to exert a definite medicinal effect the makers are liable to prosecution, under the Pure Food and Drugs Act, for using misleading titles.

**SODIUM BENZOATE AS A PRESERVATIVE.**—It will be recalled that Dr. Wiley originally ruled, under the Food and Drugs Act, that sodium benzoate could not be employed, which ruling was afterwards reversed by a Referee Board of Consulting Experts with Professor Ira A. Remsen as its Chairman. There is now a strong movement throughout the country to reverse the Remsen finding, and the American Medical Association is in favour of Dr. Wiley's.

**SALE OF NARCOTICS.**—Druggists of Alabama have recently decided to attempt to secure the enactment of a State law prohibiting the sale of morphine, cocaine, opium, and other narcotics except on physicians' prescriptions. The druggists in Pennsylvania, on the other hand, having succeeded recently in securing an admirable Act governing the sale of cocaine, have voted to go a step farther, and have morphine and opium similarly looked after. The narcotic situation is receiving constant attention in this country.

**DISPENSING DOCTORS.**—The Food and Drug Commissioner of Nebraska has ruled that physicians are as much bound by the terms of the Food and Drugs Act as are pharmacists. Consequently a physician who dispenses his own medicines must equally observe the labelling requirements, and must, for instance, state the presence of cocaine, alcohol, morphine, acetanilide, etc., on any medicine which he prepares and hands to his patients. This decision is proving peculiarly gratifying to the druggists of the State.

**FLORIDA SPONGES.**—In his annual report on the trade of New Orleans the British Consul reports that in the State of Florida sponge-fishing is carried on with all the scientific methods which money can produce. The fishing for sponges is in the hands of Greek divers, brought from Europe by the wealthy company which controls this industry. In the Greek quarter of Tarpon Springs one sees Greek houses and Greek costumes, and hears the Greek language. The sponges are found at a depth of 100 feet, and the diver often remains down as long as three hours.

**N.A.R.D.**—During the last few years many thinkers in pharmacy have urged that the National Association of Retail Druggists ought to be reorganised in order to adapt itself to the change which has taken place in its field and purpose. The subject was brought up at the 1908 Convention in Atlantic City, but definite action was postponed on the understanding that a committee on reorganisation would be appointed by the President, and would bring in its report at the Louisville Convention this year. This committee has now been appointed, and the subject bids fair to be one of the most important to be discussed in Louisville.

**THE BROWN BILL.**—During the last few weeks three additional States have adopted modifications of the Federal Food and Drugs Act, which leaves only one or two of our forty-six commonwealths without such a statute. The Brown Bill passed by the New York Legislature, however, has been vetoed by Governor Hughes after a hot fight. The New York druggists were divided into factions over the measure, but the chief opposition came from the manufacturers, who convinced the Governor pretty clearly that the measure in its present form was unconstitutional, and was very faulty in technical details. This represents the second effort New Yorkers have made to secure a pure food and drug law.

**A DISREPUTABLE PRACTICE.**—Within the last year or two many States have enacted laws prohibiting chemists from selling liquor except on physicians' prescriptions, this step

being taken to prevent the dishonourable few from seizing upon the opportunity to do a general liquor business, and thus bringing discredit upon the whole calling of pharmacy. In a certain town in West Virginia, however, where such a law prevails, a physician and a pharmacist have formed a disreputable alliance for the writing and dispensing of liquor prescriptions. The physician gets twenty-five cents for each prescription he writes; the druggist enjoys a profitable liquor trade. It remains to be seen whether the Courts will tolerate such an evasion of the meaning and purpose of the Act.

**PRICE-MAINTENANCE.**—Occasionally local efforts are made to prevent cut-rate prices even though the famous Indianapolis decree of two or three years since declared that inter-State efforts along this line would be deemed a conspiracy in restraint of trade. Thus in St. Louis the druggists of the city have just signed an agreement to uphold a schedule by means of which 25c., 50c., and \$1 articles will be sold respectively for 23c., 47c., and 89c. A few articles have purposely been left off the list, however, as a concession to the larger downtown retailers who desire to offer lower prices on them as "baits" to the bargain-hunting public. Since every one of the three or four hundred chemists in St. Louis has signed the agreement, it is likely to be faithfully observed.

**"MAPLEINE."**—These are days of great activity in the United States in the prosecution of dealers for the sale of adulterated or misbranded foods and drugs. A Chicago manufacturer has just been convicted for selling what he called "Mapleine," a substance containing no maple sugar whatsoever, but being an imitation product throughout. The producer claimed that the use of the suffix "ine" was an evidence that the article was manifestly a substitution product, but the Court did not view the matter in the same light. The proprietors have appealed against this decision. Another recent judgment has been in regard to "Muco-Solvent," which has been held to be misbranded because it was described as "a cure for croup, whooping-cough, diphtheria, and all throat troubles and catarrhal disorders."

**BRITISH SHEEP-DIPS.**—By the amendment of its free-list in the new Tariff Bill the United States agreed to admit, free of duty, a number of sheep-dips of English manufacture, but by a technical ruling of the Customs authorities, which had been sustained by the Courts, many of these were excluded from free entry on the ground that they were "compounds or preparations which can be used for other purposes." All sheep-dips, besides being insecticides, are necessarily also disinfectant and antiseptic; they were held to be excluded from free entry by the above qualifying words. Certain importers of English sheep-dips, acting through their solicitor, Mr. Geo. Stewart Brown, of Baltimore, have secured the amendment of this ruling, so that the free-list now reads: "Sheep-dips, not including any compound or preparation that can be used for any other purpose than that of a disinfectant, antiseptic, or insecticide." Under the new wording, therefore, all sheep-dips, many of which are manufactured in England, will, when the Bill passes, enter the United States free of tax.

**PHARMACEUTICAL POLITICS** flourishes in New York State like a green bay-tree. The scene changes like a kaleidoscope, but during the last year there have been two distinct factions—the "ins" and the "outs." The "ins" are those holding office or otherwise in control of the State and local Associations; the "outs" are those who would like to be in. Each faction had a Pharmacy Bill before the last Session of the State Legislature, and each fought the other to a finish. The official element finally succeeded in having their Bill passed, only to have it vetoed by the Governor. The whole trouble broke out again at the recent annual meeting of the State Association, and some very bitter personal remarks were exchanged. A resolution was finally passed censuring the minority. This seemed to clear the atmosphere, and the white dove of peace perched herself aloft and spread her wings over the scene. Both factions went home with an expressed determination to work together next winter for the enactment of suitable legislation agreeable to every body concerned.



## Trade-marks Applied For.

Objections to the registration of any of the undermentioned applications should be lodged with Mr. Temple Franks, Comptroller-General of Patents, Designs, and Trade-marks, at the Patents Office, 25 Southampton Buildings, Chancery Lane, London, W.C., within one month of the dates mentioned. The objection must be stated on Trade-marks Form No. 7, cost £1, obtainable through any money-order office. The figures in parentheses refer to the classes applied for.

(From the "Trade-marks Journal," July 11, 1909.)

- "FUSCAMINE"; for all goods (1) and (4). By Badische Anilin und Soda Fabrik, Friesenheimerstrasse, Ludwigshafen-on-Rhine. 313,602/3.
- SNAP ANTISEPTIC HAND-CLEANER," and label device with hand; for a disinfectant preparation (2). By Snap Co., Ltd., 160 St. James Street, Montreal. 308,671.
- Device of the ring-encircled globe, emitting rays of light; for cattle-medicines and disinfectants (2). By Western Counties Agricultural Co-operative Association, Ltd., 20 Hobart Street, Stonehouse, Plymouth. 310,993.
- "ROBORIN"; for veterinary products (2). By K. A. Lingner, 2-4 Nossenerstrasse, Dresden. 313,215.
- "I K U KAN ROSE POWDER"; for a headache and neuralgia remedy (3). By H. Macauley, 169 Donegall Road, Belfast. 311,640.
- "UNGUEMOL"; for a medical article (3). By John Bell Hills & Lucas, Ltd., Tower Bridge Road, London, S.E. 313,622.
- "I T"; for a medicine (3). By Stainton & Hulme, Ltd., 84 Hurst Street, Birmingham. 313,717.
- "FELGTURA"; for instruments and apparatus (8). By Bergmann Electrical Co., Oudenarder Strasse 23-32, Berlin. 310,010.
- "NOCTONA" and "NOXONA"; for photographic paper (39). By J. J. Griffin & Sons, Ltd., Kingsway, London, W.C. 312,015, 312,017.
- "DEVONSHIRE ICE-CREAM POWDER," and label device; for ice-cream powder (42). By F. W. Hampshire & Co., Silk Mill Lane, Derby. 313,111.
- "PEARL DUST"; for goods in (47). By United Alkali Co., Ltd., 30 James Street, Liverpool. 313,593.
- "LOTION EAU DE COLOGNE," and label device; for perfumery, etc. (48). By J. & E. Atkinson, Ltd., 24 Old Bond Street, London, W. 312,725.
- "ARCADIAN"; for perfumery and perfumed soap (48). By National Manufacturing Co., Ltd., 34 Mansell Street, London, E. 312,802.
- "LISONEL"; for perfumery, etc. (48). By J. S. Gregson, Ltd., 396 Sauchiehall Street, Glasgow. 312,975.
- "DOYLETTES"; for a perspiration-remover (48). By C. P. L. Titherley, Piercefield Road, Farnby, Lancs. 313,387.
- "DANAE"; for perfumery, etc. (48). By F. Wolff & Sohn, 31 Durlacher Allee, Karlsruhe, Baden. 313,492.
- "L'ETOILE D'OR"; for a perfume (48). By Breidenbach & Co., 48 Greek Street, London, W. 313,798.
- (From the "Trade-marks Journal," July 21, 1909.)
- "ANTI-PUFFI"; for chemicals (1). By F. E. Morgan, East Dene, Woodford Green, Essex. 314,092.
- "LESSIVOL" and label device; for a disinfectant (2) and for a washing-powder (47). By Yorkshire Dyeware and Chemical Co., Ltd., 14 Park Square, Leeds. 313,407/8.
- "Po-Ho"; for medicated inhalers (3). By O. J. J. Witt, 195, Wandsbeker Chaussee, Hamburg. 312,204.
- "AXON"; for teething liquids (3). By G. J. Packe, 15 Harley Street, London, W. 313,630.
- "JEST-YON"; for medicines and pills (3). By Wm. Robson, Russell Street Buildings, Darlington. 313,744.
- "ULTRA-VIO"; for optical goods (8). By Groos, Ltd., 24 Hatton Wall, London, E.C. 313,779.
- "POLYVACCINE"; for an inoculation preparation (11). By Richard Weiss, 8 Harp Lane, London, E.C. 313,409.
- "UGA"; for soured milk (42). By Clay Paget & Co., Ltd., 71 Ebury Street, London, S.W. 313,047.
- "SALUTARIS" and label device; for aerated distilled water (44). By Salutaris Water Co., 236 Fulham Road, London, S.W. 312,724.
- Picture of diver; for all goods (48). By G. E. Houghton, Moorlands Laboratory, Broadstone, Dorset. 312,509.
- "ELIX" in triangle; for perfumery, etc. (48). By H. C. Curtis, 39 Belmont Road, St. Andrews, Bristol. 313,331.
- "ONGLISSA"; for perfumery, etc. (48). By F. Wolff & Sohn, Durlacher Allee, 31 Karlsruhe, Baden, 313,494.

"LOTIL"; for a toilet article (48). By John Bell, Hills & Lucas, Ltd., Tower Bridge Road, London, S.E. 313,624.

"NECTAR"; for perfumery, etc. (48). By Spurvey et Cie., 14 Bartholomew Close, London, E.C. 313,815.

## Colonial and Foreign News.

**BORAX IN TURKEY.**—Borax Consolidated, Ltd., possesses a mine near Panderma, Turkey, which exports regularly 10,000 tons per annum. Another borax mine close to the above and belonging to an English firm has recently been opened up, and will shortly commence to export.

**THE TOLL OF THE ALPS.**—A chemist, named Jules Sidler, aged twenty-five, of Offenburg, in Baden, started on July 31 with five companions to ascend the Dent de Corjon (6,460 ft. high), and on Sunday morning, while searching for edelweiss, he fell over a precipice and was killed.

**AUSTRIAN PHARMACY.**—At a meeting of the Prague Pharmaceutical Association held at Rakonitz, Herr Storch, a member, spoke of the present unsatisfactory conditions of Austrian pharmacy, complaining of the insufficient professional protection granted by the Government, the introduction of regulations on the part of the authorities calculated to prejudice the interests of pharmacists, and the continually increasing burdens laid by the State on apothecaries as a class. A proposal was advanced to lay the wishes of the pharmacists before the Government, the suggestion meeting with general approval. Herr Storch regarded the present restriction of one pharmacy to 6,000 inhabitants as insufficient.

**ASSISTANTS' SALARIES IN ITALY.**—According to the "Bollettino," the organ of the pharmacists' assistants in the Italian Tyrol, an attempt is being made to effect a regulation of salaries. A meeting has taken place between the pharmacists' representatives and those of the assistants, whose demands were admitted to be perfectly reasonable. The policy and constitution of the Central Salaries Club (Gehaltsskassa) in Vienna were discussed, and the Trentin Association expressed its approval of the methods of the Vienna institution and suggested union. The Trentin Association has issued forms to be filled up by the owners of pharmacies employing assistants. On the basis of the information thus obtained pharmacists will be divided into classes and the salaries of assistants fixed.

## College Notes.

**BATH COLLEGE OF PHARMACY.**—The following awards were made at the recent terminal examinations: Silver medal (for the highest aggregate): Mr. J. Green. Certificates of merit: Practical chemistry, Messrs. J. Green and J. Hughes; dispensing, Messrs. J. E. Freeman, H. A. Wynn, J. Hughes, and J. Green; materia medica, Mr. J. Hughes; theoretical chemistry, Messrs. J. E. Freeman, J. Hughes, and J. Green; try, Messrs. J. E. Freeman, H. A. Wynn, J. Hughes, and botany, Messrs. J. E. Freeman, H. A. Wynn, J. Hughes, and pharmacy, Messrs. J. Green, H. A. Wynn, J. Hughes, J. E. Freeman, and A. E. Neal. Mr. B. Hall, a correspondence student of the College, has won the Fairchild Scholarship.

## Where to Study.

The following educational institutions are advertising in this issue:

- Muter's (South London) School of Pharmacy, 325 Kennington Road, London, S.E.
- Leeds College of Pharmacy, Clarendon Road, Leeds.
- London College of Pharmacy, 323 Clapham Road, London, S.W.
- North of England School of Pharmacy, 55 Northumberland Avenue, Newcastle-on-Tyne.
- Northern College of Pharmacy, 100 and 102 Burlington Street, Manchester.
- South of England College of Pharmacy, 186 Clapham Road, London, S.W.
- Manchester College of Pharmacy, 225A and 227A Oxford Road, Manchester.
- University of Birmingham, Birmingham.



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## INJUNCTION WAS GRANTED

in the High Court, and the Defendant has been ordered to pay the costs.

---

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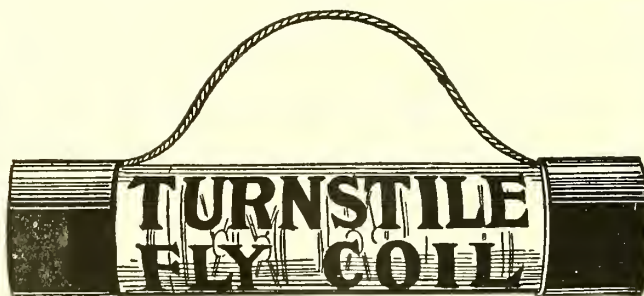
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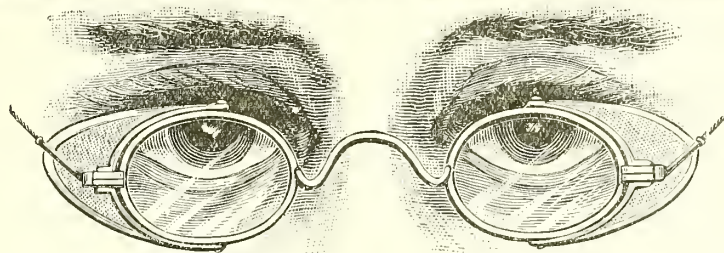
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SANFORD & SON, SANDY.  
IN TINS, 6d. TO 5/- EACH.**



*Express Developing Co.*

(REGISTERED.)

Telephone Number LONDON WALL 4793.

OUR  
ANNOUNCE-  
MENTS WILL  
APPEAR IN  
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FIRST ISSUE  
OF EVERY  
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**THE TRADE HOUSE FOR PHOTO ENLARGEMENTS AND COLOURED MINIATURES.**



**WE CATER EXCLUSIVELY FOR CHEMISTS.**

Their requirements are our special study.

**Roll Films developed and despatched day after receipt.**

**CARBONS. PRINTING IN ALL PROCESSES. POSTCARDS.**

WRITE FOR PRICE LIST AND PARTICULARS OF OUR PROFITABLE SIDE LINES.

**EXPRESS DEVELOPING CO., 86 High Street, Whitechapel, E.C.**

## FORMALIN THROAT TABLETS.



The Popular Antiseptic  
for Preventing Infection  
from Diphtheria, etc.

In Amber Bottles,  
each 50 Tablets.

ROSE, MINT, MENTHOL,  
or LEMON FLAVOUR.

PRICE **5/6** PER DOZ.

Manufactured by

**Jules Denoual & Co.**

Carlton Works, ASYLUM ROAD, LONDON, S.E.

## Dentifrices "Friederich."

STRONGLY ANTISEPTIC & DEODORANT.



ON THE P.A.T.A.

1/- size, 7/10 doz. 1/8 size, 13/- doz. 2/6 size, 19/6 doz.

SOLE AGENTS:

**Jules Denoual & Co.**

Carlton Works, ASYLUM ROAD, LONDON, S.E. 2



Triple Milled "D" 12 Tablets.

## CHEMISTS' TRIPLE MILLED

### Toilet Soaps

Exclusively reserved for Chemists.

### GUARANTEE OF PURITY.

These Soaps are guaranteed to be made from  
**EDIBLE FATS**, and are prepared under  
**STRICT HYGIENIC CONDITIONS**

Chemists' Triple Milled	...	...	25 Varieties.
Chemists' Savon de Toilette	...	10	"
Chemists' Milled	...	10	"
Chemists' Medicated	...	3	"
Chemists' Glycerin and Cucumber	...	1	"

**Grand Prize, Franco-British Exhibition.**

Full Particulars and Illustrated Price List from  
**Price's Patent Candle Company, Limited.**

BELMONT WORKS, BATTERSEA, LONDON.



**100% PROTECTED PROFIT.***Prices of Eucryl Tooth Powder to the Trade.***OPENING ORDERS**

BUYING PRICE.	£	s.	d.
3 doz. 6d. tins at 3/6 doz. ...	0	10	6
1 doz. 6d. free (for counter display) - - -	-	-	-
Free samples, showcards, etc. ...	-	-	-
Carriage Paid ...	£0	10	6

SELLING PRICE.	£	s.	d.
4 dozen at 6d. ...	1	4	0
	£1	4	0

**REPEAT ORDERS.**

BUYING PRICE.	£	s.	d.
3 doz. 6d. tins at 3/6 doz. ...	0	10	6
½ doz. 6d. free (for counter display) - - -	-	-	-
Free samples, showcards, etc. ...	-	-	-
Carriage Paid ...	£0	10	6

SELLING PRICE	£	s.	d.
3½ dozen at 6d. ...	1	1	0
	£1	1	0

**EUCRYL TOOTH POWDER.***To be obtained from all the Principal Wholesale Houses, or direct from The Proprietors,***EUCRYL LIMITED, HULL.**Add a new source of income  
to your business by taking up**Laurence's**  
ONE-SOLUTION  
**Hair Dye**In nine shades — Raven Black, Black, Dark  
Brown, Brown, Medium Brown, Light Brown,  
Golden Brown, Auburn and Chestnut.**THE BEST ON THE MARKET.**  
**ABSOLUTELY RELIABLE.***Shows over 100 per cent. profit.*Can be supplied under Chemist's own title if  
preferred, and exclusive design of carton and  
label reserved in any one town.

Write at once for particulars to—

**C. R. HARKER, STAGG & MORGAN**  
Devon Wharf, Emmott Street, **LTD.**  
**MILE END, LONDON, E.****COURVOISIER'S****A NEW  
DEPARTURE.****CC CONCENTRATED  
PERFUMES**

(WITHOUT SPIRIT).

When purchasing, mention **C.C.**,  
with the name of the perfume.**VIOTTO, C.C.**  
**HAVANITA, C.C.**  
**ROSE, C.C.**  
**LILY of the VALLEY, C.C.***Actual Size of Vial.* **30/- per doz. nett. 3/9 per vial retail.**A tiny vial, yet containing more essence than an ordinary bottle  
of perfume at a higher price.  
A ready selling line backed by advertising and giving entire satis-  
faction to the purchaser. Entered on the P.A.T.A.**A STRONG SELLING ARGUMENT**  
Courvoisier's C.C. Perfumes contain no spirit, therefore they,  
and incidentally the purchaser, pay no spirit duty.

Of your Wholesaler, or direct from

**H. BRONNLEY & CO., Ltd.**  
Acton Vale, LONDON, W.

CARRIAGE FREE

CENT. PER CENT. PROFIT

Special CASH OFFER for WINDOW DISPLAY.

As a trial  
order we  
are  
prepared  
to send—1 doz.  
6d. size  
and  
1 doz.  
1/- size

FOR

5/3

CARRIAGE  
FREE.As a trial  
order we  
are  
prepared  
to send—1 doz.  
6d. size  
and  
1 doz.  
1/- size

FOR

5/3

CARRIAGE  
FREE.

We print your name and address on three times the above quantity.

**O'NEIL ZETTS & CO.**

182 Stroud Green Road, N.

CARRIAGE FREE

An Attractive Window  
READ pays. READ

what "THE CHEMIST &amp; DRUGGIST" says:

LAIT LAROLA. — "This little engraving represents one of the smartest arrangements for window-display that we have seen for some time. It is collapsible, measures 20 in. high by 11 in. wide, and although made of cardboard, at a distance of 3 or 4 yards it is so substantial looking as to convey the idea of the original cartons of "Lait Larola." It is just the thing to make an attractive corner in the window, on a shelf, or, indeed, in any part of the pharmacy. Any C. & D. subscribers who would like one should write to Messrs. Beetham & Son, Cheltenham, the proprietors of "Lait Larola."



Also Show Cards and Coloured Pictorial Postcards for distribution if desired. All the "Larola" preparations are protected at **FULL FACE VALUE**, and the goods bear a good profit.

Price List with terms sent on application to—

**M. BEETHAM & SON, Cheltenham.**

HAVE YOU SEEN THE...

**"MAY QUEEN"**A Delicately Perfumed  
Powdered...**TOILET SOAP.**

PACKED IN PRETTILY DECORATED SPRINKLERS.

The only Safe and Sanitary way to use Soap for the Toilet, Bath and Shaving.

**GUARANTEED the PUREST Toilet-Soap Made.****HENRY SHAW & Co., Dukinfield.**

POWDER PAPER. PAINT PAPER.  
COMBINATION PAPER BOOKS.  
SOAP LEAVES IN BOOKLETS.  
NAIL-POLISHING PAPER.  
NAIL-POLISHING STONES.  
IN ALL VARIETIES.

Best Qualities. Lowest Prices.

PHARMAZEUTISCHE INDUSTRIE-GESELLSCHAFT.  
m.b.H.  
OFFENBACH a. M. (GERMANY) 5.

**DISPENSING BOTTLES & PHIALS.**

**I. ISAACS & CO.,** Glass Bottle Manufacturers,  
106 Midland Road, St. Pancras, London, N.W.

Beg to call attention to their **REDUCED PRICES.**

We make the New Shape, Oval Fronted Bottles. No extra charge.

**FIRST QUALITY.**

3 & 4	6 & 8	12	16 ounce.	} Round edges, plain or graduated, quinine tinted.
9/-	10/-	15/-	20/- per gross	

**SECOND QUALITY.**

3 & 4	6 & 8	12	16 ounce.	} Round edges, plain or graduated, clear blue tinted.
7/6	8/6	12/-	18/- per gross	

**PANEL BOTTLES (reduced prices).**

2	3	4	6	8 ounce
7/6	8/-	8/-	9/-	10/- per gross.

**WHITE PHIALS—GOOD QUALITY.**

1	1 1/2	2 ounce	} Plain or teaspoons.
2/6	4/-	4/6	

6ix gross and upwards, assorted or otherwise, sent carriage paid to any address in the United Kingdom. Smaller quantities not carriage paid.

Established 50 years. Bankers: London and Westminster Bank.



## TRY IT IN YOUR BATH

BY APPOINTMENT



TO H.M. THE KING.

# SCRUBB'S AMMONIA

## MARVELLOUS PREPARATION

Refreshing as a Turkish Bath. Invaluable for Toilet Purposes.  
 Splendid Cleansing Preparation for the Hair. Removes Stains and Grease Spots from Clothing.  
 Allays the Irritation caused by Mosquito Bites. Invigorating in Hot Climates.  
 Restores the Colour to Carpets. Cleans Plate and Jewellery. Softens Hard Water.

Of all Chemists, Etc. Price 1s. per Bottle.

SCRUBB &amp; CO., LTD., GUILDFORD STREET, LONDON, S.E.



### NEWBRO'S HERPICIDE

The ORIGINAL remedy that kills the dandruff germ.

This wonderful Hair-Saver acts by destroying the germ or microbe that causes dandruff, itching scalp and falling hair, after which the hair resumes its abundant growth and beauty as nature intended. Extraordinary results follow the intelligent use of Herpicide. Sold in all civilised countries.

Newbro's Herpicide is the most exquisite hair dressing in the world. Cooling and comforting. It stops itching of the scalp almost instantly.

Manufactured by THE HERPICIDE COMPANY, Detroit, Michigan, U.S.A.

TRADE SUPPLIED BY

### THE AMERICAN DRUG STORES THOMAS CHRISTY & COMPANY

Wholesale and Retail

C. BROOKS, M.P.S., Chemist and Druggist,  
 4 Northumberland Av., W.C.; Craven House,  
 Kingsway, W.C.; and 36 Cranbourn St., W.C.

4, 10 & 12 Old Swan Lane,  
 Upper Thames Street, E.C.

PRICES  
 Retail 4/- per bottle.  
 Wholesale 33/- per dozen.  
 In lots of 3 dozen, 5 % discount.

# PAPIER POUDRÉ

REGISTERED

### POWDER IN BOOK FORM WITHOUT A PUFF.

The Original PAPIER POUDRÉ in Dainty Books.

Papier Poudré, 4 1/2 l. size	White, Rose, or Rachel.	2/6
" " 6d. size	Scented or Unscented.	3/9
" " 1/- size		7/6
Papier Poudré Shaving Pads, 6d. size (White)		3/9

Special Prices to Wholesalers and Shippers.

### CAUTION.

In the Civil Tribunal of the Seine, on April 1st, 1909, after protracted litigation, an injunction was obtained against a Paris House for an infringement of these trade marks, full costs and damages being then awarded to PAPIER POUDRÉ, LIMITED.

"LEHCARESOR."

Papier Poudré

RESOLUTELY REFUSE ALL  
SUBSTITUTES.

TRADE MARKS.



PAPIER POUDRÉ, LTD.,  
 23 Somerset St., Portman Square,  
 London, W., and in Paris.

NONE GENUINE WITHOUT OUR TRADE MARKS.

Price List on application to—

PAPIER POUDRE, LIMITED, 23 Somerset St., LONDON, W.

# NATURAL MINERAL WATERS, &C.



SOLE AGENTS  
FOR

## VICHY

(STATE  
SPRINGS).

### CARLSBAD WATERS, CARLSBAD SPRUDEL-SALT.

AESCLAP,  
BONIFACIUS,  
CONDAL,  
CONTREXEVILLE,  
EVIAN,  
FRANZ-JOSEF,  
FRIEDRICHSHALL,  
GIESSHUBLER,  
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*Wholesale Agents for*

HUNYADI JANOS,  
INSALUS,  
KISSINGEN,  
KRONENQUELLE,  
LEVICO,  
MONTREUX,  
OBERBRUNNEN,  
OBER-SELTERS,

PERRIER,  
ROSBACH,  
RUBINAT,  
ST. GALMIER,  
VALS,  
VILLACABRAS,  
VITTEL,  
WILDUNGEN,

*And all other Natural Mineral Waters.*

Price Lists, Show Cards, Dummy Bottles, Pamphlets, &c.

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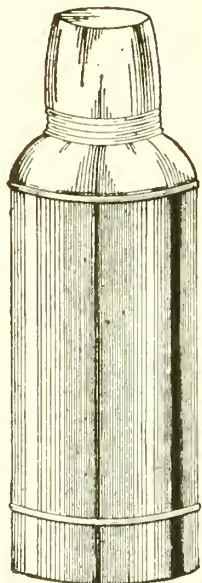
## INGRAM & ROYLE, LTD.,

EAST PAUL'S WHARF,  
26 UPPER THAMES ST., E.C.

AND AT LIVERPOOL AND BRISTOL.

**SPECIAL DISCOUNTS FOR EXPORT.**

## THE *THERMOS* FLASK—for Lactonised Milk.



**THERMOS Flask** not only keeps liquids steaming hot for 24 hours and cold liquids icy cold for days without fire or chemicals, but by testing and experiments by able Medical Men it has been proved to be the **easiest, simplest, and most effective** mode of producing Lactonised Milk. The *modus operandi* is as follows:—

Heat your milk to a temperature from 105° to 110°—  
Pour into **THERMOS Flask** with one tablet of  
Lactic Acid and a spoonful of sugar. Allow the milk  
to stand from 10 to 12 or more hours, and perfect  
Lactonised Milk is the result.

**This means MINIMUM trouble—MAXIMUM results**

MEDICAL MEN ARE LARGELY RECOM-  
MENDING THE FLASKS TO PATIENTS.

**Prices from 21/- each PINTS and 31/6 each QUARTS.**

*They can be obtained of all CHEMISTS and DRUGGISTS. JEWELLERS,  
SILVERSMITHS and STORES.*

Wholesale only: A. E. GUTMANN & CO., 8 Long Lane, London, E.C.



*Who wants pure Soda Water ?*

Pretty nearly everybody.

*Why do they want it ?*

Because it is pure.

*How can they get it ?*

By making it for themselves, at home.

*By what means ?*

By using "Prana" Sparklets.

*How do they know it will be pure ?*

Because a Sparklet Syphon remains your own property, and is kept clean and filled at home.

*Is the domestic water supply necessarily pure ?*

No ; but if any doubts are entertained as to its purity, it can be boiled, filtered, or otherwise sterilized.

*But is not boiled water insipid ?*

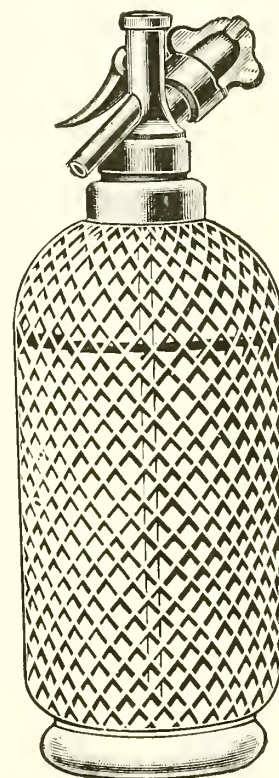
It is, very ; but Sparklets take all that away.

*And the price ?*

Sparklet Soda Water costs the consumer  $2/8$  per dozen **40 oz.** Syphons full (and only one syphon is required) as compared with  $3/-$  to  $4/-$  per twelve "40 oz." ready-made syphons.

**"Prana" Sparklets . "Prana" Sparklets**

Aerators Ltd., "Prana" Sparklet Works, Upper Edmonton, N.

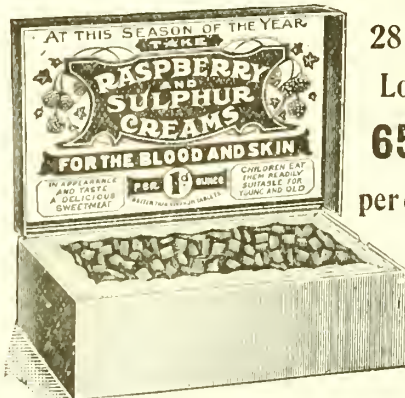




# POTTER & CLARKE LTD.

## THE ORIGINAL MAKERS RASPBERRY — and — SULPHUR CREAMS

4 lb.  
Boxes  
8d.  
per lb.



28 lb.  
Lots  
65/-  
per cwt.

Better than Sulphur Tablets.  
Only show them,  
They sell themselves.

Free Sample on receipt of Post Card.

FLUID EXTRACTS

COATED PILLS

NEW REMEDIES

FRUIT ESSENCES

DRUG GRINDERS

LOZENGES

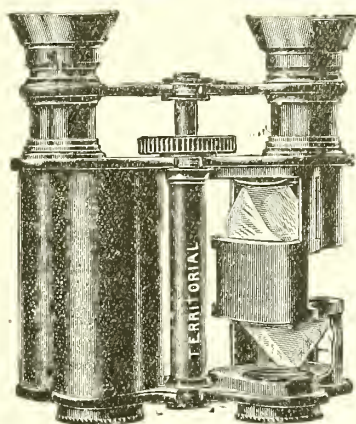
POTTER'S  
ASTHMA  
CURE

GROWERS & IMPORTERS  
OF  
HERBS. ROOTS. & BARKS

HERBS  
IN  
PACKETS

POTTER & CLARKE, LTD. WHOLESALE DRUGGISTS  
EXPORTERS IN BOND...  
60-64. ARTILLERY LANE. LONDON. E....






# THE "TERRITORIAL" PRISM BINOCULAR.

Registered No. 303455.

**BENDING BARS,  
SCREW FOCUSING ADJUSTMENT,  
INDEPENDENT FOCUSING EYEPIECE,  
MAGNIFYING 8x.  
SOLID ENGLISH LEATHER CASE.**

**Retail Price, 84/-**  
TRADE PRICE ON APPLICATION.

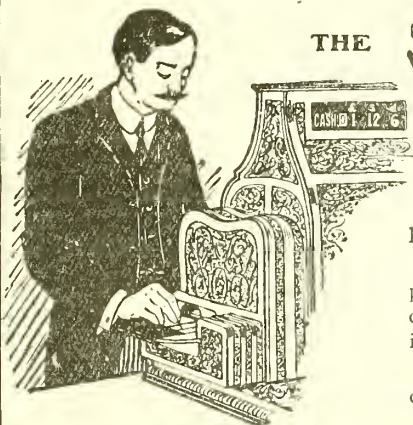
 Any Chemist-Optician not stocking this should write for one on approval!

TO BE OBTAINED FROM ANY WHOLESALE OPTICIAN, OR

# RAPHAEL'S

LIMITED.

57b & 57c HATTON GARDEN, LONDON, E.C.



THE

## Something entirely new. SAXE AUTOGRAM Cash Register.

Now Ready for the English market.

Chemists and Druggists have wanted this improvement for the last ten years, but we are the first to supply their wants.

A complete and perfect total adding Cash Register with all improvements, including visible printed sales strip, **right side up**, in combination with an Autographic attachment. Each written item is verified by printed amount opposite.

This throws additional safeguards about your business which you could not get heretofore **on any Register at any price.**

Write for Descriptive Pamphlet to

THE SAXE REGISTER CO., LTD., 19 FORE STREET, LONDON, E.C.

**FRENCH HERBS,**  
— CROP 1909. —

{ MELISSA, CAMOMILES,  
: : ROSE LEAVES. : :  
IRISH MOSS, OWN FISHERIES.

H. SALLE & CIE., PARIS, 4 RUE ELZEYR.

# ATKINSON & BARKER'S ROYAL INFANTS' PRESERVATIVE

ON P.A.T.A. LIST.

Prices and Terms on application to

11 Russell Street, C.-on-M., MANCHESTER.

**DOES  
NOT  
CONTAIN  
any  
SCHEDULED  
POISON.**

## A. MILLAR & CO., LTD., DUBLIN PURE ORANGE WINE

(VINUM AURANTII, B.P.), prepared in strict accordance with the Formula of the British Pharmacopoeia. (Wholesale only.)  
WRITE FOR SAMPLES TO 10, 11, and 12 THOMAS STREET, DUBLIN.

ESTABLISHED 1772.

## HENRY'S CALCINED MAGNESIA

Continues to be prepared with scrupulous care in the greatest chemical purity by

MESSRS. THOMAS & WILLIAM HENRY, 11 EAST STREET, ST. PETER'S, MANCHESTER.

And is sold in bottles, authenticated by a Government Stamp bearing their name. Trade Mark, Henry's Calcined Magnesia.

PRICE 4s. 6d. or 2s. 9d.

NEW YORK—Messrs. SCHIEFFELIN & CO., William Street.

PARIS—Messrs. ROBERTS & CO., 5 Rue de la Paix.

## BLOCK LIQUORICE JUICE

(Guaranteed  
absolutely pure.)

BRANDS

“YB”

“BX”

“E”

(“E” brand entirely soluble in cold water).

These juices, being PURE, bear the highest possible percentage of glycyrrhizin, and are consequently the most economical for all purposes.

EVANS, GRAY & HOOD, 5 GREAT TOWER STREET, LONDON, E.C.

# BUVO

26 ROSEBERY AVENUE, LONDON, E.C.

## True Bermuda Arrowroot

TRADE MARK.



REGISTERED.

is shipped only by W. T. James, Hamilton, Bermuda, who desires to warn buyers against “so-called” Bermuda Arrowroot which is being freely offered and sold in the United Kingdom as genuine Bermuda. Recommended by the Medical Faculty.

For Samples of the Genuine Bermuda Arrowroot apply to

George Harker & Co., Ltd., 101/103 Upper Thames Street, London, E.C.



# SODAWATER MACHINERY

## THE "COMPACT" MACHINES

are specially designed for  
**CHEMISTS, GROCERS, RESTAURATEURS,**  
and everyone to whom space is an object,  
and can be used for filling Syphons, Codd's  
Bottles, or Cork Bottles.

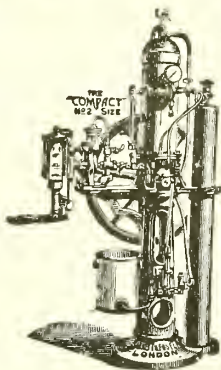
**OCCUPY LITTLE SPACE!  
ARE READY FOR USE IMMEDIATELY!  
REQUIRE NO FIXING!**

Produce Soda Water, Lemonade, &c., of the  
highest class and greatest purity.

**Write for Catalogue.**

**BARNETT & FOSTER, Niagara Works, 26<sup>T</sup> Eagle Wharf Road, N.**

*Proprietors of Galloway, Bros., Bolton.*



**A COMPLETE APPARATUS—  
CAPABLE OF PRODUCING OVER  
300 DOZEN LARGE BOTTLES  
OF AERATED WATER PER DAY  
—from £20.**

Bottles, Boxes, Essences, and all  
Requisites for the Trade at  
Lowest Prices.

## LOFTHOUSE & SALTMER, Wholesale and Export Drug Merchants, Manufacturing Chemists, HULL,

Offer the Trade the following valuable P.A.T.A. Protected lines, bearing a very large Protected Retail Profit, which sell freely and are well known and valued by the Public in many parts of the Country.

	PROTECTED RETAIL PRICE.	DOZEN.		PROTECTED RETAIL PRICE.	DOZEN.
<b>LOSALL'S SALT</b> (well advertised), tins ...	6d. ...	3/6 net.	<b>PREPARED BARLEY</b> ("Crown Brand.")		
" " " " bottles	1/- ...	7/- "	Usual 1/- size, lever lid tins. A good	— ...	4/- net.
" " " " in cartons	1/6 ...	10/6 "	selling line		
<b>LOSALL'S MILK FOOD</b> , oblong tins			<b>MALTED FOOD.</b> Usual 1/- size, lever lid		
1/- size. Ideal Food for children	8½d. ...	5/6 "	tins. Buyer's name and address	— ...	4/8 "
and adults			printed free on 3 dozens. Special		
<b>FINEST HYGIENIC FIRST MILK FOOD</b>			design label, name and address, on		
"Crown Brand," specially adapted	1/- ...	7/6 "	gross orders if desired		
for infants from birth to 3 or 4			<b>LOSALL'S FOOT-ROT OINTMENT,</b>	1/- ...	7/6 "
months, tins 1/3 ...			enamelled tins		

Chemists taking up the above really valuable, large profit-yielding lines, will find them an important adjunct to their business.

**London Agents: F. NEWBERY & SONS.**

If you want close up-to-date Quotations for superior and approved Counter Specialties, and for Pure Drugs, Chemicals or Pharmaceutical Preparations, don't fail to write to

**LOFTHOUSE & SALTMER, Wholesale Druggists, HULL**

## NOTICE. MILK EMULSION.

THE name "Milk Emulsion" is our Trade Mark for an Emulsion of Cod Liver Oil with Hypophosphites, and designates specifically that it is our preparation. Our Emulsion is known in commerce as "Milk Emulsion," and when "Milk Emulsion" is ordered people expect to receive FAULDING'S MILK EMULSION. We hereby give notice that no other persons can use the same name on their labels, wrappers or advertisements without infringing our legal rights.

"Milk Emulsion" is sold in Bottles only. Wholesale, by

**F. H. FAULDING & CO.**

54 Great Tower Street, London, E.C.  
54 King William Street, Adelaide, South Australia.  
341-3 Murray Street, Perth, Western Australia.  
16 O'Connell Street, Sydney, New South Wales.

## SAL HEPATICA.

PUT UP FOR EXPORT:

Small size, 3 oz. bottle, in case.  
Medium " 7 " " "  
Large " 16 " " "

OBTAINABLE IN LONDON FROM

Thos. Christy & Co., 4-12 Old Swan Lane,  
Upper Thames Street, E.C.

The American Drug Stores, 4 Northumberland  
Avenue, Charing Cross, W.C., and Craven House,  
Kingway, W.C.

Burgoyne, Burbidges, & Co., 16 Coleman Street,  
E.C.

F. Newbery & Sons, Ltd., 27 Charterhouse  
Square.

Roberts & Co., 76 New Bond Street, W.



One of many  
letters received

May 11.09.

Dear Sirs

We feel that a word of praise is merited by you for your exceeding promptness and attention to orders and we express it here right heartily. So long as you continue to charge lowest prices and handle our orders in the most exemplary way in which you treat them at present so will our business with you increase.

Send business card for our Carriage Paid terms and 1909 Catalogue of very low prices. Free packages with carriage paid orders.

---

---

*Sangers* 258 Euston Rd., London, N.W.



# MAW'S INDIARUBBER HOT-WATER BOTTLES



MAW'S  
WATER  
'BOTTLES  
are  
BEST QUALITY  
ONLY,  
ENGLISH  
MAKE,  
GUARANTEED,  
and  
WILL NOT  
SPLIT AT  
THE SIDES.

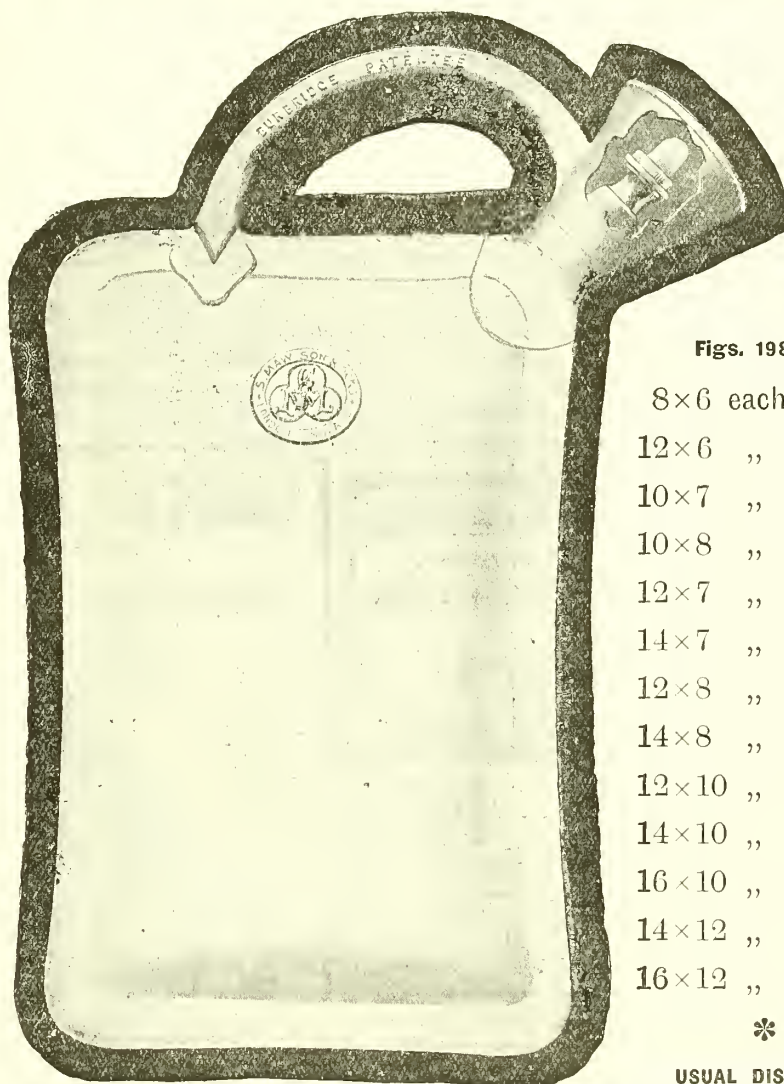


Fig. 199.

Figs. 198-199.

8×6	each	....	3/-
12×6	„	....	4/-
10×7	„	....	4/-
10×8	„	....	4/8
12×7	„	....	4/9
14×7	„	....	5/2
12×8	„	....	5/4
14×8	„	....	5/8
12×10	„	....	5/11
14×10	„	....	6/6
16×10	„	....	7/1
14×12	„	....	8/-
16×12	„	....	8/3



USUAL DISCOUNT.

**S. MAW, SON & SONS,** 7 to 12 **ALDERSGATE STREET, LONDON, E.C.**

Telegrams: "ELEVEN LONDON."

Telephone: No. 3230 LONDON WALL (4 lines).

# SHOP FRONTS & FITTINGS

FOR  
**CHEMISTS and DRUGGISTS.**

Inquiries invited.

Catalogues free on application to—

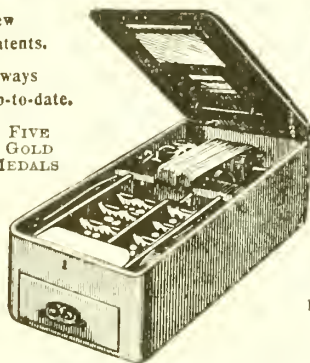
**PARNALL & SONS, LTD.,** Narrow Wine St., BRISTOL.

**LONDON:** 10 Rood Lane, E.C.

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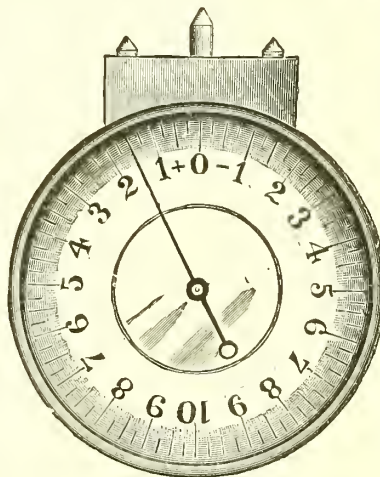


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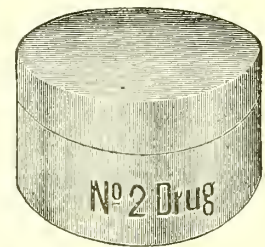
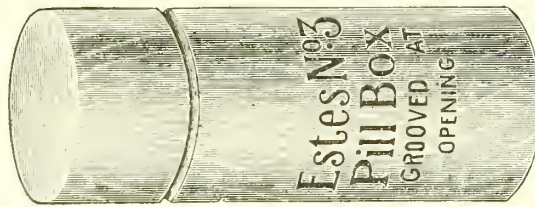
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#### EDUCATIONAL NUMBER.

THE annual Educational Number of the *C. & D.* will be published on Saturday, August 14. It will contain complete information in regard to the curricula and examinations required of pharmacists, medical practitioners, dentists, veterinary surgeons, and practitioners in certain departments of applied science. In addition to the ordinary circulation, the number will be addressed to Hospitals and various Educational Authorities connected with these professions, so that it will be a particularly good one for advertisements of educational and scientific supplies, as well as medicines generally. Space may be booked now by addressing the Publisher of the *C. & D.*, 42 Cannon Street, London, E.C.

## Summary of the Week.

#### The Jubilee Issue

has brought us many letters of congratulation. Some of these are printed on p. 271. "Xrayser" has some interesting observations and reflections on the history of THE CHEMIST AND DRUGGIST (p. 257).

#### Agri-horticultural Poisons.

This subject is still occupying much attention throughout the United Kingdom. The Aberdeenshire County Council have been recommended to grant forty-two applications, and at Kirkwall all the applicants had licences granted them. At Gloucester and Torquay exception has been taken to pharmacist-councillors discussing a subject in which they are interested (p. 264).

#### Continental.

Further particulars are given regarding the new French pharmaceutical diploma, the proposed duty on benzol in France, and the method of taking samples under the new Adulteration Act (p. 247).

#### Home and Colonial.

Among the analysts' reports, that by Mr. J. F. Liverseege, of Birmingham, is of considerable interest, by reason of the notes on galenical preparations which have been examined (p. 244). Two chemists' assistants have been sent to gaol for stealing from Messrs. John Barker & Co.'s drug-department (p. 244). We also report two deaths from chloroform (p. 245) and fourteen other poisoning-fatalities (p. 246). The Stamp Act is becoming a dead letter in Cape Colony, owing to the absence of a penalty clause (p. 248). A useful work has been undertaken by Mr. Froembling in compiling a new register of chemists in Cape Colony (p. 248). The Pharmaceutical Society of New South Wales have suggested the lines on which the Health Department should frame regulations under the Pure Food Act so as not to interfere with the business of pharmacists (p. 249).

A deputation of Singapore chemists which interviewed the Attorney-General in regard to the proposed Straits Settlements Pharmacy Bill, stated their objections, and although the measure will be modified in minor particulars the Government are determined to control the sale of opium, morphine, cocaine, etc. (p. 267).

#### Legal.

The High Court cases concern the Saccharin patents, the Gillette razor patent, Mr. Fulford's will, and Keating's powder. There is also a curious hair-dye compensation case, and the decision is given in the pepsin chewing gum case (pp. 254, 255). The sequel to the Antineurasthin case of last week is on p. 255 of this issue. The registration of fifty-four dental companies under the name of hygienic institutes is noted on p. 255.

#### Letters.

In addition to the letters of congratulation on the Jubilee of this journal (p. 272), communications appear on the following subjects: Irish pharmaceutical companies (p. 272), the Pharmacists' Representation Fund (p. 273), store and private assistants (p. 273), and apothecaries' assistants (p. 274).

#### Societies.

The annual meeting of the Federation of Local Pharmaceutical Associations was held at Newcastle last week. It was decided to approach the British Pharmaceutical Conference with a view to the establishment of a commercial section; in the meanwhile the officers of the Federation remain in office (p. 252). We give a series of photographs taken at the British Pharmaceutical Conference last week, and an account of functions that took place after last week's issue went to press (p. 250). Some comments on last week's Conference will be found on pp. 257 and 258. The Pharmaceutical Society's Council-meeting was mainly occupied with routine work, but the Parliamentary Secretary sent an interesting report in regard to the suggested rebate on spirit-duty (p. 261). The pass-list of the assistants to apothecaries is given on p. 245.

#### Trade Matters.

Business is of a holiday character, most of the price-alterations being slight. Morphine is 3d. per oz. lower, but opium at the close is firmer. Glycerin is very firm, German being dearer. Acetyl-salicylic acid is lower. Refined camphor is firmer for distant shipment. Serpentry is dearer (p. 268). The new German taxes, especially those on alcohol, are the subject of an article on p. 259.

## English and Welsh News.

Local Newspapers containing marked items of news interesting to the Trade are always welcomed by the Editor.

### Brevities.

"The Times" of August 4 contained a good description of the engineering laboratories of Armstrong College, Newcastle-on-Tyne.

The combined annual excursion of the Newcastle-on-Tyne and Sunderland Chemists' Associations will take place at Warksworth on August 25.

The quarterly meeting of the Plymouth, Devonport, and Stonehouse Association of Pharmacists is to be held at 7 Whimble Street, Plymouth, on August 9.

At a Kettering property sale on July 29, the business premises occupied by Mr. R. Palmer, chemist and druggist, at The Square, Earl's Barton, were sold for 450*l*.

The ramble arranged by the West Ham Association of Pharmacists for August 12 has been postponed to August 26, as so many pharmacists are away on holidays.

A memorial tablet to the memory of the late Sir Morell Mackenzie has just been placed on the house at the corner of High and Browning Roads, Leytonstone, in which he was born.

The Chorley Town Council confirmed on July 29 a recommendation by the Education Committee that tooth-brushes be provided for elementary school children. Instruction is to be given to the scholars as to their use.

At a special meeting of the Stockport Pharmacists' Association held at Stockport on July 23, Mr. T. K. Westerman, Secretary *pro tem.*, was instructed to write a letter to Mr. A. D. Watson, who is leaving the town on account of ill-health, in appreciation of his services as Secretary to the Association.

The spontaneous ignition of some chemicals caused an outbreak of fire on the premises of Mr. C. O. Wain, chemist and druggist, 8 Church Street, Haslingden. The dense smoke evolved created considerable difficulty in coping with the fire, but the flames were prevented from reaching the stock of oils and turpentine.

At Lancaster County Court on July 30, Messrs. Walter Ker Aitken, wholesale druggists, Liverpool, sued Henry Williams, Lancaster, for 21*l*. 4*s*. 11*d*. on account of drugs, etc., supplied to defendant's veterinary surgery at Lancaster. A commitment order was issued against the defendant unless he paid 5*l*.

At the inquiry held at Camborne, on July 30, into the death of Mr. Ernest Rowe, an assayer at the Dolcoath Mine, a verdict of "Accidental death, the result of shock from burns by acids" was returned. Deceased apparently broke a Winchester quart of sulphuric acid (scattering the contents chiefly over his legs) while suffering from an epileptic seizure.

The report of the Chief Inspector of Weights and Measures for the East Riding of Yorkshire states, *inter alia*, that during the past year 13,891 weights were tested free of charge as they did not require re-stamping. The inspector says the old system of re-stamping and charging fees every time instruments were submitted for re-verification was very much like taxing honesty, and although the income is now much less than formerly, the effect in inducing tradesmen to submit their instruments for re-testing is already noticeable.

### Sale of Food and Drugs Acts.

In Nottingham the only drug taken for analysis was sweet spirit of nitre. All the samples were returned as genuine.

The Wandsworth analyst (Dr. John Muter) reports that the samples of camphorated oil and milk of sulphur examined during the last quarter were both genuine.

The whole of the samples of arrowroot, ginger, olive oil, and tartaric acid examined by the Staffordshire analyst during the last quarter were certified to be genuine.

All the following samples taken in the County Palatine of Lancaster during the past quarter proved to be genuine: Vinegar, 16; mustard, 4; compound liquorice powder, 1; arrowroot, 1.

The Manchester city analyst (Mr. C. Estcourt) in his last quarterly report, states that only nine out of 577 samples of food and drugs were adulterated. The samples of flowers of sulphur, cream of tartar, and tartaric acid were free from arsenic and practically free from lead.

The Lambeth analyst (Dr. John Muter) examined the following samples during the past quarter: Pepper, 6; vinegar, 5; mustard, 5; cream of tartar, 4; tartaric acid, 3. All were genuine except an informal sample of mustard, which contained 10 per cent. of wheat flour.

The Bedfordshire analyst examined the following samples during the last quarter: Mustard, 4; sodium carbonate, 2; malt vinegar, 2; ginger, 2; arrowroot, 2; cream of tartar, 2; Epsom salt, 1; citrate of quinine and iron, 1; crushed linseed, 1; spirit of nitre, 1; milk of sulphur, 1; tartaric acid, 1. All were genuine except the sample of spirit of nitre, which was 22.8 per cent. deficient in active ingredient.

The Birmingham analyst (Mr. J. F. Liverseege, Ph.C., F.I.C.) states that fifty-one informal samples of drugs were analysed during last quarter. Of the six samples which proved to be adulterated several were sold by unqualified men. The notes in the report include the following remarks:

**White Precipitate Ointment.**—Eighteen samples were sufficiently near the pharmacopœial standard. One informal sample contained 13 per cent. of white precipitate, and a subsequent formal sample contained 11.8 per cent. The vendor was cautioned. Four samples from two unqualified vendors contained oxide of zinc in place of white precipitate. An informal sample contained 16.1 per cent. of oxide of zinc, and a subsequent formal sample from the same vendor contained only 6.9 per cent. The vendor was fined 40*s.*, and costs. Another vendor's informal sample contained 12.4 per cent. of oxide of zinc and the subsequent formal sample 8.7 per cent. Proceedings are being taken.

**Camphorated Oil.**—Two of the twelve informal samples were 83 and 85 per cent. respectively deficient in camphor. Subsequent formal samples from the same vendors contained the right amount of camphor. Two of the samples analysed last quarter were prepared with synthetic camphor and another sample contained both natural and synthetic camphor. If the next edition of the British Pharmacopœia does not recognise synthetic camphor, it will then be necessary to class preparations containing it as adulterated.

**Friars' Balsam.**—Two samples from an unqualified vendor were on the border-line of adulteration. Probably the vendor used inferior drugs in preparing the tincture. Another vendor, not a chemist, was cautioned for supplying low-grade products.

**Boric-acid Ointment.**—The six samples were passed as genuine.

### Poor-law Dispensing.

The Leeds Guardians have raised the salary of the outdoor dispenser (Mr. Duncan) from 150*l*. to 200*l*. per annum.

Godstone Guardians have declined to adopt the Local Government Board's suggestion that the Guardians provide all medicines required for the workhouse.

Mr. John George Fry, dispenser to the Royal South Hampshire Hospital, Southampton, has been elected to a corresponding position under the West Ham Guardians.

The Eastbourne Guardians have decided that the appointment of Miss Rose, superintendent nurse, as dispenser must terminate on August 1 (*C. & D.*, July 31, p. 169). The medical officer is to be informed that the Guardians have no objection to a lady dispenser provided she is qualified.

### Police-court Charges.

At the Burnley Police Court on July 27, James Arthur Pounder was remanded for a week on a charge of stealing a coat from the premises of Mr. J. A. Barlow, chemist and druggist, 59 Padiham Road.

At Nottingham on July 23, Elizabeth Gamble (57), the wife of a railway porter, was charged with the murder of Anna Augusta Mason by administering a noxious drug for an illegal purpose. The case adjourned until August 13.

At Barnsley on July 29, Fred Lambert, described as a Wombwell chemist, was fined 5*s.* and 10*s.*, with costs in both instances, for using abusive language in York Street, Barnsley, and also for breaking two windows in the same thoroughfare. Defendant was ordered to pay a further 10*s.* 6*d.* as damages.



At the West London Police Court on July 30, Robert Nash (32), an assistant in the drug department of Messrs. John Barker & Co., High Street, Kensington, W., was sentenced to two months' hard labour for stealing various articles from his employers.—At the same court on the same day, George Howard Fisher, chemist and druggist, 51b Morat Street, Brixton, S.W., was sentenced to twenty-one days' imprisonment without hard labour for stealing "patent medicines" from the above firm's drug department, where he was employed. The prosecution alleged that accused supplied a small shop of his own with the stolen goods. Dr. Cooney, for the defence, said the shop was "a miserable little place where the defendant only took a few shillings a week."

#### Society of Apothecaries of London.

At the assistants' examination, held last month, the following candidates were granted the certificate of qualification to act as an assistant to an apothecary in compounding and dispensing medicines:

Abbott, A. M.	Hill, C. G.	Parsons, E. W.
Anderson, L. M.	Hincks, E. D. M.	Raynor, E. W. G.
Bridges, G. M.	Hojel, E. M.	Reckitt, E. M.
Collings, L.	Holmes, W.	Reed, E. D.
Cotton, K. M.	Hook, M.	Sellon, C.
Crawford, G. H.	Hughes, M. G.	Taylor, G. A.
Durant, P.	Jackson, E. L.	Tinkley, M. E. F.
Evans, W. J.	Jenkins, E.	Trinder, F. M.
Fellows, A. E.	Jenkins, G.	Vokes, W.
Fenn, M. J.	Lewin, G. B. J.	Wakelin, A. M.
Grierson, E. A.	McGregor, H.	White, C. F. T.
Grimwood, D. F.	Marks, S. B.	Whittington, W.
Gurnett, L. M.	Nicholls, G.	

#### Store-prices.

The new price-list of No. 6 Department (drugs, dispensing, surgical requisites, and perfumery) of the Army and Navy Co-operative Society, Ltd., is a catalogue of 318 pages (8 by 5½ in.), including 98 pages of advertisements. The somewhat florid cover is in blue and red printing on a yellow and crushed-strawberry ground. Part I. deals with drugs, chemicals, sundries, and veterinary medicines, and covers a hundred pages. Proprietary remedies bulk largely, but there is a good sprinkling of A. & N. specialties, the department manager no doubt finding them more profitable than cut or protected lines. Part II., occupying sixty-six pages, comprises perfumery, preparations for the hair or teeth, toilet preparations, scent sprays, etc. Part III. includes surgical instruments, dressings, invalid appliances, and elastic goods, which are described in fifty pages. The prescription department is not included in any of the three sections, but is given a page to itself near the beginning of the list, with two full-page illustrations of the interior of the dispensary.

#### Birmingham Notes.

Sir Thomas Barclay was among those who took part in the open-air meeting held in connection with the Wesleyan Conference at Lincoln.

An enormous crowd has visited the University buildings during the past week. The local traders now seek the same privilege on their early-closing day—Wednesday—at the suggestion of a young assistant pharmacist.

At the Assizes on August 3, the jury, after a long hearing, failed to agree concerning the claim by Miss Emily Ashley against the Queen's Hospital for damages for wrongful dismissal. The defendants pleaded justification on account of plaintiff breaking the hospital regulations by taking a drug (veronal) to induce sleep, alleging that while she was under its influence a child in her charge died unattended.

At the King's Heath Flower Show sports, held in Mr. Chamberlain's grounds on August 2, the handsome first prize in the mile race was given by the Apollinaris Co., while Mr. Herbert Marshall, pharmacist, provided the second award in the form of a hand-camera. The chief advertisement on the programme was that of a brewer who not long ago was a pharmacist—Mr. John Kendrick, Brearley Street.

A morphine pill, supposed to have been obtained by the child from a medicine-chest, is suggested as the cause of the death of Winifred Bach, aged eighteen months, at Aston. However, the little girl was given half of a (soothing?) powder on the day previous to her death. The

inquest has been adjourned until August 19 in order that an analysis may be made. The symptoms of poisoning were stated to agree entirely with those following the administration of morphine.

#### Chloroform Deaths.

Dr. Waldo, the City Coroner, has held two inquests during July on persons who have died while under the influence of anaesthetics at Guy's Hospital. The first case was on July 16, when a boy named Stebbings died during the operation known as cardiolysis, which consists of the removal of portions of two ribs to relieve an enlarged heart. In this case A.C.E. mixture was employed. The Coroner remarked that there had not been a death from chloroform at Guy's Hospital for nineteen months, the steps taken by the hospital authorities on the last occasion having been effectual. Dr. E. F. Lancaster, visiting anaesthetist, said there are no objections to the use of chloroform prepared from acetone or ether made from methylated spirit—in fact, some doctors prefer ether made from methylated alcohol. A verdict of death by misadventure was returned, and it was added that the anaesthetic had been properly administered. Dr. Waldo referred to the inquiry that is being held into the law as it affects coroners, and added that careful statistics should be kept of all deaths under anaesthetics. These deaths should be reported to the Coroner.—On July 30 another inquest was held on the body of a woman named Chart, who died during the operation for the removal of a tumour from the right breast. Dr. Townrow and Mr. Dunn (surgeon to Guy's Hospital) gave evidence, telling of the steps that were taken to revive the patient when the heart stopped beating. In this case chloroform was employed, which Dr. Francis Shipway, honorary visiting anaesthetist, considered more suitable than ether in the case of stout persons. He agreed with the Coroner that chloroform acts as a heart-depressant. The chloroform was made from acetone, but he considered the three varieties of chloroform equally safe. The Coroner said that other anaesthetists invariably used chloroform made from pure alcohol, which was stated to be less unpleasant and safer. He suggested that a rebate might be made to philanthropic institutions of the extra duty imposed by the Finance Bill. Of forty-one cases of death under anaesthetics in Guy's Hospital which the Coroner had inquired into, thirty-three were due to chloroform or mixtures containing chloroform. The remaining deaths were while the patient was under the influence of ethyl chloride. The Coroner referred to the Anaesthetics Bill, which he considered defective in that it allowed dentists with but limited knowledge to administer anaesthetics. The jury returned a verdict of misadventure due to heart-disease accelerated by the administration of chloroform, and added that every care had been taken at the hospital.

#### Aid for Soap-workers.

The second general meeting of the Female Aid Society, which comprises the women and girls employed by Messrs. Edward Cook & Co., Ltd., the soap specialists, Bow, was held at the works on July 26. Mrs. Thos. Alex. Cook (President) was in the chair, and she was supported by Miss Ethel Lamport, M.D., Mr. Thos. Alex. Cook, Mr. E. Leonard Cook, and Mr. E. Hughes (the company's secretary). The report and balance-sheet for the first year's working showed that the finances are in a very satisfactory condition, as, after the payment of sick-allowances, medical fees, etc., there remains a substantial balance, which on this occasion was carried forward. Mrs. Thos. Alex. Cook, in moving the adoption of the report, which was unanimously carried, said there had been many cases of sickness during the year, more or less serious, and it must indeed be a very great comfort to them all to know that if illness did overtake them they would be at once able to avail themselves of skilled medical advice and be entitled to a sick-allowance while seeking necessary rest in order to recover their health. The officers and committee of the Society were re-elected.

#### Warning.

A London chemist asks us to warn fellow-pharmacists about a woman who purchases Colman's wine, Brand's meat lozenges, and sometimes morphine. As far as

payment is concerned she is hopelessly bad, and has already victimised some leading West-end chemists.

#### Contracts.

Cardiff Town Council.—Corbyn, Stacey & Co., for the supply of drugs during the ensuing six months.

Metropolitan Asylums Board.—R. Hovenden & Sons, for the supply of tooth-brushes to the central stores.

#### Cricket.

The return match between the Leeds and Sheffield pharmacists took place at Sheffield on July 28—a perfect day. Sheffield won the toss, but were disposed of for 65 runs. The Leeds men soon accomplished their task, as Messrs. Hutchinson, Verrall, and Waugh made 100 runs for the loss of one wicket. After the match the Leeds party was entertained at a smoking-concert in the Park Hotel.

## Irish News.

Local Newspapers containing marked items of news interesting to the Trade are always welcomed by the Editor.

#### Compensation Case.

At the Recorder's Court, Cork, on July 29, an application was made to pay to Bridget Hassett the sum of 15*l.* lodged with the Court in respect of the death of John Hassett, a messenger of the Cork Chemical and Drug Co., who died as the result of falling off a bicycle while in the firm's employment. The Recorder made the required order.

#### Guardians' Doings.

The Waterford Guardians have been informed that recompense will not be allowed on the medicines supplied to the Guardians, as no analysis-certificate is forthcoming. It was suggested that the doctor who omitted to send the samples should make up the loss, 3*l.* 4*s.* 7*d.*

The Clerk to the Mohill Guardians has informed the Guardians that they are not bound to pay additional charges on account of the extra duties on spirituous medicines, as the contract was entered into on June 10, subsequent to the introduction of the Budget.

The Local Government Board have received a reply from Dr. Glynn, medical officer of the Turloughmore dispensary district of the Galway Guardians, as to why such small quantities of drugs were sent for analysis. The Guardians are not satisfied with the explanation—that the doctor usually sent small quantities.

The Clerk of the Tobercurry Guardians reported at the last meeting (see *C. & D.*, July 31, p. 178) that he had written to Mr. P. N. White, Sligo, the medicine-contractor, regarding an irregularity in the accounts, but had received no reply. It was decided to call the attention of the Local Government Board to the matter. Mr. White has since replied explaining that he was away from home. The alterations in the invoices will be duly carried out.

## Scots News.

Local Newspapers containing marked items of news interesting to the Trade are always welcomed by the Editor.

#### Fifehire.

The eight-year-old son of a ploughman at Wellsgreen Farm, Cameron Bridge, died on July 27 in consequence of eating the seeds from wild-iris pods in mistake for peas.

#### Dundee Chemists' Assistants' and Apprentices' Association.

The second summer meeting of this Association was held on July 14, and took the form of a visit to the Dundee Gasworks. The company, numbering twenty-five, were met at the gasworks by Mr. Donald, the assistant manager, who showed the visitors over the works. Explanations were given of the various processes in the making, purifying, and testing of coal-gas. At the end a hearty vote of thanks was accorded to Mr. Yuill (the manager) and Mr. Donald for their kindness. The next meeting, on August 18, will take the form of a visit to the Dundee Ice and Cold Storage Co.

#### Edinburgh.

This summer the chemists in the Goldenacre and Canonmills districts have been closing their pharmacies every Wednesday afternoon, reopening at 6 p.m. The arrangement, which has worked well, is to be continued throughout August and September.

Sir Walter Scott depicted his countrymen as beings ever ready to do slight services for their friends and neighbours if occasion offered, more especially if the cost were not excessive. We of the Northland improve, however. A city pharmacist was visited the other day by a former customer who has removed to a town at least fifty miles distant. "Eh, Mr. —!" said the visitor; "A wanted tae see Edinburry again, and besides we want a bottle o' your tonic!" Here is another instance. A lady who left for her holiday forgot to take her bottle of cascara. Instead of getting another on by post, for there is no chemist within six miles, she spent half-a-crown because there happened to be an excursion to Edinburgh, and joyfully returned in the evening with her beloved cascara.

## The Week's Poisonings.

FOURTEEN fatalities, including two misadventures, have been recorded since Wednesday week.—Cyanide of potassium was the lethal agent employed for suicidal purposes by a Harringay clerk, named Walter J. Oates (38).—At the inquiry at Exeter into the death of Alice Dyer, housemaid, Mount Radford, it transpired that deceased took some arsenical paste, used for curing birds' skins, with suicidal intent. The container was not labelled "Poison," but deceased knew the contents would destroy life.—Jas. W. Erskine, B.A., tutor, Londonderry, died in the local infirmary from an overdose of opium. Deceased, who had recently returned from India, brought the opium back with him as a curiosity.—An accidental overdose of laudanum was responsible for the death, at Grimsby, of an actor, named Gerald Henry Quicke (29). This opiate also caused the death of an Aberdeen clerk, named Arthur Tocher.—Carbolic acid was the poison taken for suicidal purposes by Daniel Hutchinson (33) at Bolton. This fluid, self-administered, was taken with fatal results by a Burnley labourer, named Thos. Mackenzie (53), while suffering from the effects of drink.—Alfred J. Tyler (38), pianoforte-tuner, committed suicide at Notting Hill Gate, London, W., by taking oxalic acid. Deceased, who was a victim of the morphine-habit, obtained a 1-oz. packet of oxalic acid from one of the branches of Boots, Ltd. Mr. R. W. Griffiths, manager at the Notting Hill Gate branch, stated at the inquest that the wrappings were of a special paper printed all over with the word "Poison." The requirements of the Act had been fulfilled. The same poison was used at Fife to end his existence by Joseph Wm. Willis (39), an ex-soldier.—A draught of oxalic-acid solution was taken, with a view to self-destruction, by Mary Ann Martin (46), at Croydon, while suffering from depression following an attack of influenza.—A teaspoonful of chloride-of-zinc solution (made by dissolving the metal in spirit of salt) caused the death of Susannah Ames (54) at Norwich. At the inquest a verdict of suicide while of unsound mind was returned.—David Findlay (53), wood-turner, Arbroath, took a drink from a bottle labelled "Whisky," but the contents were spirit of salt. He died on the following day.—The Southwark Coroner (Dr. F. J. Waldo), at the inquest relative to the death of Annie Lloyd (36), of 83 Sayer Street, London, E.C., who committed suicide by taking spirit of salt from an unlabelled whisky-bottle, said the Poisons and Pharmacy Act now rendered it compulsory for oil and colour men to put the word "Poisonous" on all such vessels, but there was a missing link in not compelling the purchaser to keep the corrosive fluid in the container in which it was bought. It seemed more reasonable to him that the persons who were used to poisons—the chemists—should handle them.—Albert J. Hill (28) committed suicide at Stratford, on his marriage eve, by taking poison. The kind used was not stated.

JAVA CINCHONA.—In the course of the annual report for 1908 of the Java Bank, Batavia, it is stated that cinchona has given a serious disappointment, owing to the constant reductions in price. The unit-price reached as low a figure as 3.12*c.*, against 10*c.* in 1900. The quantity produced is constantly increasing, and for this reason cinchona-estates worked economically are able to make some profit on the present low level of prices.



## French News.

(From the "C. & D." Paris Correspondent.)

**ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE.**—This Association opened its thirty-eighth annual session on August 2 at Lille, under the presidency of Dr. Landouzy, *doyen* of the Paris Faculty of Medicine, who, in his inaugural address, traced the progress of medicine brought about by biological science. The congress was divided into twenty sections, the meetings of which were held in the Lycée Fénelon. Dr. Calmette, director of the Pasteur Institute at Lille, presided over the section of hygiene and physical medicine.

**PHARMACEUTICAL CONGRESS.**—As already announced in the *C. & D.*, a congress of French pharmacists took place last week at Nancy, a great attraction being the International Exhibition now being held there. The principal event in connection with the congress was the annual meeting of the General Association of French Pharmacists, held under the presidency of Dr. Vaudin, of Paris. The arrangements of the congress were successfully carried out by the Syndicate of Lorraine pharmacists and the Amical Association of Former Students of the Nancy and Strasburg School of Pharmacy. The subjects discussed include the reform of pharmaceutical studies and regulating the sale of specialities.

**PROPOSED DUTY ON BENZOL.**—The French Minister of Finances proposes to include in the Budget for 1910 a Customs-duty of 17f. 50c. general tariff, and 10f. minimum tariff, per hectolitre on benzol, benzine, coal oil (*essence de houille*), and toluene. Naphthaline, anthracene, phenic acid, and heavy oils would be exempted from duty as at present. The Minister also proposes an inland duty of 5f. per hect. on petrol under a density of 0.765, and on benzol, benzine, and toluene. These products would be exempted from the inland duty of 5f. if employed for industrial uses. The text of the Bill is not quite clear, but it would appear that this exemption (says the Bulletin of the British Chamber of Commerce in Paris) would not apply to the Customs duty.

**PHARMACY IN ULTIMA THULE.**—M. Lenormand, Professor at the Rennes School of Pharmacy and Inspector of Pharmacies for the Finistère Department, has communicated to the local Pharmacists' Association the text of his annual report to the Director of the School, which has thus found its way into the pharmaceutical Press of Paris. Finistère is one of the most primitive of the French Departments, and M. Lenormand has this year adopted the course of abstaining from naming the black sheep to whom he alludes, merely promising them that if they do not mend their ways by next year, they will lose nothing by waiting. In many pharmacies he found a rudimentary state of things, but in two only was the general negligence so marked that he had to administer "justes observations et vifs reproches" to the proprietors, who formally promised to alter this state of things. The object of communicating the report to the President of the local Pharmacists' Association is that he may put his colleagues on their guard in view of an inspection which is apparently to be no longer the mere farce it has been hitherto in most parts of France.

**CODEx AS A STANDARD.**—The White Cross (Pure Food) Congress, which is to be held in Paris, formed the subject of a short discussion at a recent meeting of the Administrative Council of the General Association of French Pharmacists. MM. Vaudin, Crinon, Martin, Languépin, and Collard having been appointed to represent the Association at this Congress, the last-named requested the opinion of the Council on a point which might be raised—*i.e.*, "When a pharmacist orders a product figuring in the Codex from a wholesale druggist without distinctly specifying that he requires the article to answer to the Codex standard of purity, ought he to receive the Codex product?" M. Languépin said that at Geneva it was stated that the Paris Congress would deal with drugs, but not with medicaments. On the other hand, M. Labussière contended that the French drug-trade being, from a legal point of view,

a branch of pharmacy, the druggist ought either to deliver the Codex product or plainly state on the label that he did not do so. M. Vaudin and the Council shared this view of the matter.

**SAMPLE-TAKING IN PHARMACIES.**—In the second portion of the circular issued to the Prefects by the Minister of Agriculture, it is stated that the object of the new system of pharmacy inspection is not only to insure the application of the recent Adulteration Act, but also to see that Pharmacy Laws, Poisons Acts, and rules for the sale of serums, mineral waters, etc., are duly carried out. If, therefore, an inspector finds a grocer, for example, selling what is probably a scheduled poison or a medicament, he should take a sample and send it in with the usual form. The products to be sampled in pharmacies under Article 29 of the Law of Germinal, as modified by the Law of June 25, 1908, may be divided into two classes: (1) Products of which four samples should be taken, as provided for by the decree of August 6, 1903, for examination as to purity; medicaments, drugs, natural and artificial mineral waters, hygienic products. (2) Substances simply sampled for examination as to their supposed poisonous or therapeutic qualities, as above mentioned, in which case one sample may suffice, though two are preferable. The samples are to be addressed to the Director of the Superior School of Pharmacy or the Dean of the Mixed Faculty of Medicine and Pharmacy of the region, except in case of serums and similar products, which are to be addressed to the Laboratory of the Superior Council of Public Hygiene, 52 Boulevard Montparnasse, Paris.

**THE PHARMACIST DIPLOMA.**—The official decree has recently been issued concerning the reorganisation of the curriculum for the diploma of *pharmacien*. The question of this reorganisation has been examined by the Interior Council of Public Instruction, and in his report to the President of the Republic the Minister of Education mentions that the reform of pharmaceutical studies was found necessary for two reasons: (1) The fact that the suppression of the second-class diploma created a new situation in certain of the provincial schools of pharmacy, whose duties had been limited to delivering diplomas of the second class; (2) the exigencies of the pharmaceutical profession at the present time necessitate a general reform of the school terms and the examinations. As far back as December 1906 the Minister of Education asked the directors of the various schools of pharmacy in France to examine such modifications as they might deem advisable. Later on a special Commission was appointed, presided over by M. Peytral, Senator of the French Parliament and a former Cabinet Minister, who was originally connected with the wholesale drug-trade at Marseilles. This Commission issued a report, in which they referred to the considerable development of the chemical industry of recent years and the ever-increasing manufacture of "specialised medicaments" and synthetic products. These have brought about a change in the pharmaceutical profession by the abandonment of many of the complex preparations of the old polypharmacy. Galenic medicines are still dispensed, but, on the other hand, the preparation of chemicals has become the exception in pharmacies. But in purchasing these of wholesalers, it is the pharmacist's duty carefully to verify their nature and purity. This he can only do if he is familiar with those methods which are often the most delicate of analytical chemistry. Beyond this, new sciences have sprung up, such as biological chemistry, bacteriology, and hygiene, which have not so far officially figured in the pharmaceutical curriculum. The law on public health has rendered obligatory the presence of a pharmacist on all sanitary commissions, which necessitates him having the requisite knowledge to fulfil his mission. In addition, the application of the new law on the repression of frauds in drugs and medicines, as well as alimentary substances, will frequently necessitate the nomination of a pharmacist as an expert. This extension of general knowledge and special processes of research can no longer be ignored by the pharmacist, and consequently involves longer time for the course of study. It is, however, impossible to increase unduly the length of the curriculum in view of the military law, which requires students to do their service in the army before the age of twenty-six. The new regulations are to come into force on November 1, 1910.

## South African News.

(From the "C. & D." Correspondents.)

Note.—"The Chemist and Druggist" is regularly supplied by order to all the members of all the Pharmaceutical Societies in British South Africa, viz.:

South African Pharmaceutical Association.  
Pharmaceutical Society of Cape Colony.  
Natal Pharmaceutical Society.  
Transvaal Pharmaceutical Society.  
Rhodesia Pharmaceutical Society.  
Northern District Chemists' Association.  
Pharmaceutical Society of Orange River Colony.

### Cape Colony.

**NEW INDUSTRIES.** Considerable prominence has been given in the local Press of late to the fact that a number of British firms are establishing manufacturing branches in Cape Town and its neighbourhood. Among these Price's Patent Candle Co., Ltd., figure rather largely. The company have acquired a local candle-making concern, which has met with a fair amount of success in supplying the Colonial article. The late proprietor, a well-known Cape Town man, has been retained by the new owners, and large additional premises have been taken, it being the intention of the company to work the whole of the South African trade from Cape Town. Already the large works of the Imperial Tobacco Co. give occupation to a great many local people, and it is rumoured that a well-known firm of soap-makers are contemplating a manufacturing dépôt, land having been secured within a few miles of Cape Town for the purpose of a factory.

**COLONIAL PHARMACY BOARD.**—A general meeting of the Board was held in the Board-room, Cape Town, on Thursday, June 13. Mr. A. Walsh presided, and there were present Messrs. J. A. Mathew, G. Darroll, W. K. Mager, J. McJannet, J. Parry, and Dr. C. F. K. Murray. The report of the Executive Committee covering the period since the last general meeting was adopted.—A list of the marks obtained by an apprentice who had failed to pass the School Higher examination was submitted to the Board with a view to the acceptance of the same as sufficient evidence of the apprentice's educational qualification. As the indenture had still two years to run, it was considered that applicant had ample time to pass the School Higher examination, and he was advised accordingly.—Further particulars in regard to three cases of alleged contravention of the Medical and Pharmacy Act were considered, and the necessary steps were taken to ensure the provisions of the Act being complied with in each case.—An application for registration from Mr. W. D. Mackie, Robben Island, was approved.—The usual examination was held in conjunction with the meeting. Five candidates presented themselves; of these two withdrew on the advice of the examiners, two failed, and Mr. T. J. Hughes, of Cape Town, was declared to have passed.

**THE STAMP ACT OF 1908.**—Legislation to enforce this Act by the insertion of a penalty clause, which was expected last month, has been further delayed, and the Act is at present practically a dead letter. Before the present Parliamentary recess the Hon. W. Michau asked "whether the Government intended repealing the Patent-medicine Stamp-duty Act, and, if not, whether immediate steps would be taken to remove the anomaly contained in the Act by inserting a penalty clause?" The Hon. D. P. Graaff replied that the Government had the matter under consideration, and were aware that it had caused a great deal of inconvenience. However, they hoped to rectify this when Parliament re-assembled next September. It thus seems probable (says our Cape Town correspondent) that, exactly a year after the Act became law, it will be possible for the authorities to enforce it. It is expected in trade circles that considerable modifications will be made before this takes place, following on the suggestions made by the recent deputation from the Pharmaceutical Society of Cape Colony. Meanwhile the Press, both in town and country, is taking the side of the patent-medicine manufacturers, with whom the Premier dealt so unmercifully at the recent interview. One of the up-country papers contrasts the treatment

received by the wine-farmers with that received by the proprietors of patent medicines, and states that "Speaking on behalf of country districts, where medical men are rarely, if ever, seen, we have no hesitation in saying that patent medicines of the right sort . . . are of incalculable service to the public. Therefore the people who benefit by them have just as much right to claim exemption from taxation on these medicines as the brandy-farmer has to ask for the removal of the Excise-duty."

**A NEW REGISTER OF CHEMISTS.**—Quite a lot of interest attaches to a task which the energetic President of the Pharmaceutical Society of Cape Colony (Mr. W. Froembling) is undertaking just now. This consists of the compilation of an up-to-date register of all chemists in the Colony. During a recent attempt to communicate with the various members of the trade through the official register, Mr. Froembling learned that over 20 per cent. of the chemists therein mentioned were no longer to be found at the addresses given. The occasion was the sending out of a referendum on the Stamp Act (See *C. & D.*, May 1, p. 670). Mr. Froembling has communicated with the other Pharmaceutical Societies in Cape Colony, that of Kimberley and of the Eastern Districts, and with the list of their members and of the local Society, supplemented by inquiries, has obtained information of the whereabouts of 302 of the 449 chemists registered. To each of the remaining 147 the following circular has been addressed at their last known place of residence:

Dear Sir,—For the purpose of compiling as exact as possible a register of chemists residing in the Colony, I would kindly ask you to communicate your present address to the undersigned. I would feel at the same time extremely obliged for any further information regarding yourself—if in business on your own account, whether retired, etc. Yours faithfully,

(Signed) W. FROEMBLING.

Within a fortnight eighty-one replies have been received, either in the way of a letter from the individual addressed, or by a return of the circular with the official reason for non-delivery. This seems to be chiefly "Gone; no address," but in seven cases the word "Deceased" appears on the returned letter. About 100 still remain to be accounted for, and as many of these are no doubt resident in England, and may see this notice, Mr. Froembling would consider it a great favour if such chemists who have registered in Cape Colony during the last ten or twelve years would communicate with him at 96a Sir Lowry Road, Cape Town. The revised list, when complete, will be of considerable interest and much value when subjects of importance to all Cape chemists come to be considered in the near future. Some of the ascertained facts regarding the register itself will be of interest, and our Cape Town correspondent, in an interview with the President, gleaned the following details:

Number of chemists on present register, 449.

Migrated to other South African Colonies (principally Transvaal), 45. Many of these were doubtless refugees during the war and returned at its conclusion.

Number left for England (as far as known), 31.

Australia accounts for five and Europe for three. There are doubtless many qualified chemists in Cape Colony other than those which appear on the official register, but failing personal information, such chemists cannot be communicated with. Mr. Froembling is personally responsible for this useful undertaking, and the Pharmaceutical Society, for whose benefit the information is being chiefly obtained, is not being put to any expense in connection with its collection.

### Orange River Colony.

**WEIGHTS AND MEASURES.**—A notice in the Government "Gazette" calls attention to the practice of selling by other than standard weights and measures, and declares the use of the so-called "old gallon" or "reputed gallon" to be illegal, and that proceedings will be taken in future in case of infringement of the law; but it is announced that the provisions of the law do not affect the sale of drugs by retail.

**EXAMINERS APPOINTED.**—The monthly meeting of the Medical and Pharmacy Council of the O.R.C. was held in



Bloemfontein on July 9, when the President (Dr. Ward) was in the chair, and the following were present—viz.: Drs. Bidwell, Daniel, De Kock, Johnson, and Swift, Mr. Redpath, jun., Messrs. Dinwoodie, Hewitt, and Jeffreys (chemists), and the Secretary (Mr. Streeten). An application was read from one candidate for the August examination for chemists and druggists and a board of examiners was appointed as follows: Prescriptions, Dr. Johnson and Dr. Bidwell; pharmacy, dispensing, and materia medica, Messrs. Dunkerton and Hewitt; botany, Dr. Potts; chemistry, Professor Rudge and Mr. Stead.—The Secretary was granted a month's leave of absence, and Mr. S. S. Hewitt was asked to act *pro tem*.

A POPULAR MEDICO.—Dr. Ramsbottom, the President of the O.R.C. Medical and Pharmacy Council, is amusingly caricatured in "The Friend," which states: "He is the Pooh-bah of the O.R.C. Not only does he fill his former post of Treasurer-General with dignity and assurance, but in the absence of Mr. Fischer he is Prime Minister; in the absence of General Hertzog he is part Attorney-General with Mr. Barclay Lloyd; again, in the place of Mr. Fischer, he is Colonial Secretary, and in the place of General Hertzog he is Minister of Education and Administrator of the Police Ordinance." It is an open secret that Dr. Ramsbottom has been selected by the "Unie" party for the post of Administrator of the Orange Free State under union, and it should be some satisfaction to the drug-trade that such an eminent statesman began his public career as a member of the body which presides over the destinies of chemists in the O.R.C.

### Transvaal.

OUR JOHANNESBURG CORRESPONDENT writes on July 12 that within the previous fortnight the town experienced two distinct earthquake shocks, but no damage was done.

NEW OFFICERS.—At a meeting of the Pretoria branch of the Pharmaceutical Society of the Transvaal, held in the Transvaal Hotel, Pretoria, on June 28, Mr. P. J. Spruyt, of the Koedoe pharmacy, was unanimously elected Chairman for the year; while Mr. E. Galpin, of the Tudor Pharmacy, and Mr. H. Mossop, Pretoria Hospital, were elected Secretary and Treasurer respectively. Messrs. J. R. Jones, L. R. Tibbitt, and A. Elliott were elected members of committee.

A RENDEZVOUS FOR TRANSVAAL CHEMISTS.—At a committee-meeting of the Pharmaceutical Society of the Transvaal, held in the Trocadero, Johannesburg, on July 6, a letter was read from the Transvaal University College in reply to a communication from the Society asking for affiliation. The letter stated that the committee of the Transvaal University College agreed to place the Pharmaceutical Society of the Transvaal in Schedule A of the list of recognised technical societies, which societies are allowed the use of the assembly or lecture halls and also the Societies' common room. For the use of the assembly or lecture halls a nominal charge is made. But no charge is made for the Societies' common room, which is used as a convenient rendezvous by members of the different Societies recognised under Schedule A. The granting of the use of these rooms will be a great boon, as the Society hitherto has had no established place of meeting, but had to meet wherever room was obtainable.

## Australasian News.

The fullest information regarding the Australasian drug-trade and pharmacy is given in "The Chemist and Druggist of Australasia," copies of which can be obtained at 6d. each, post free, from the office of "The Chemist and Druggist," 42 Cannon Street, London, E.C.

### The Commonwealth.

ARMY PHARMACISTS.—As qualified men pharmacists do not take kindly to the proposal that they should be confined to the ranks of privates and non-commissioned officers, arrangements are being made for pharmacists who go through the proper course of training to rise to the rank of honorary lieutenant. The honorary captains and majors will be medical men, and they will be in charge of field hospitals.

### New South Wales.

ACETIC-ACID POISONING is not common. In 1888 the Pharmaceutical Society of New South Wales secured the gazetting of an addition to the Poisons Schedule, including acetic acid on the second schedule. But almost immediately afterwards a case of fatal poisoning was recorded in Victoria, another in 1889, and a third in 1892. Records in the interval are not complete, but on June 6, 1908, John Dunn, of Melbourne, aged eighty-five, swallowed a dose of acetic acid instead of cough-mixture, death ensuing a few hours later.

PURE FOOD ACT.—The Pharmaceutical Society of New South Wales sent a deputation to the Secretary of the Health Department on June 3 regarding the regulations that are to be made to conserve the interests of pharmacists. Mr. A. Forster (Secretary of the Society), who introduced the deputation, said it was the strong desire of pharmacists to conform strictly to the Act, which was a good one and welcomed by pharmacists. Mr. W. Short spoke on the definition of "drug," asking that the meaning of the words "soaps, essences, and unguents" should be more clearly defined. Chloroform included in the draft regulations would require to be labelled, and pharmacists desired that where not more than 0.25 per cent. of chloroform was present the labelling provision might be omitted. The deputation asked that the present proprietary rights in titles or names of proprietary medicines in use before the Act came into force should not be interfered with. Many of these are mythical, and might be deemed false or misleading. The deputation asked also whether preparations would be considered falsely described in such cases as "Irish Moss" applied to a compound cough-syrup in which the title-name drug is possibly the least active constituent; or sarsaparilla applied to a blood-mixture whose real activity depends on potassium iodide and liquor arsenicalis. In regard to the proposal to make the British Pharmacopœia a standard, it was desired that four liniments—aconite, belladonna, ammoniated camphor, and soap—might be made with methylated spirit, as at present allowed under the Federal Customs Act. It was also asked that cotton-seed oil be allowed to be used in place of olive oil in pharmacopœial preparations. Mr. Short urged the appointment of an official to whom labels might be submitted for correction and approval, so that the users might know whether they conformed to all the provisions of the Act. Mr. C. J. Carroll dealt with the question of "drugs compounded by registered pharmacists for simple ailments." It frequently happened in serious illness where a medical practitioner was not at hand that the pharmacist was requested to do his best for the sufferer and compound what drugs he judged would give relief. In such cases the Council could not see that labelling with the names of the ingredients would be of the slightest satisfaction or use to the public. Mr. A. Wadsworth dealt with the proposed regulation regarding the dispensing of prescriptions duly signed by medical practitioners for any person then under his care and treatment. Such prescriptions were exempt from the requirements that the ingredients must be named on the label. If a person had an old prescription repeated which had been prescribed many years previously, was he then under the care and treatment of the original prescriber? If so, no statement of the contents would be required on the label. If not, the statement would have to appear on the label, legibly and uniformly written. The deputation respectfully submitted that this would be a great injustice directly to pharmacists and indirectly to the public and medical practitioners. An estimate of 40 to 50 per cent. of repeated prescriptions was put in. The President (Dr. Ashburton Thomas) promised that all the points urged would have the most careful attention of the Advisory Committee.

### New Zealand.

NURSES AS DISPENSERS.—The Pharmacy Board have declared against a suggestion that the Pharmacy Act should be so amended to enable registered nurses who desire to pass the examinations to serve the registered apprenticeship in the dispensary of a large hospital. The proposal came from the Hospital and Charitable Aid Board. In Victoria apprenticeship at a friendly societies' dispensary or a hospital has been allowed since 1825.



## British Pharmaceutical Conference.

OUR narrative last week of the all-day excursion finished with a reference to the luncheon in the Corn Exchange at Hexham. The train-journey was resumed, but some of the members, including Mr. and Mrs. Ransom, returned to Newcastle for home. At Naworth the weather, which had been dull, changed for the worse, and the rest of the day was wet. In parties of thirty the members were shown over Naworth Castle, some having the advantage of being conducted round by Lady Muriel Howard, who has a deep interest in the historical memorials of her home. Some of the party afterwards walked to Lanercost Priory, the route being along a beautiful ravine, which in finer weather would have been even more appreciated. The Vicar of Lanercost kindly allowed the visitors to have free access to the older part of the Priory, and answered questions on any problems suggested to him. Tea was served in the racquet-court on returning to Naworth, and afterwards an impromptu concert was arranged. During a pleasant journey back to Newcastle refreshments were served. At Newcastle a vote of thanks was given to the Local Committee, the station ringing with the cheers of the assenting members.

On Friday morning the meeting of the Local Federation of Pharmaceutical Associations took place in the Armstrong College. Mr. Geo. Weddell had given a breakfast-party that morning at his delightful residence, North Cottage, Adderstone Crescent. A party of visitors were shown over the laboratories of Messrs. Brady & Martin, the methods of physiological testing being demonstrated by Dr. Martin.

In the afternoon of Friday one of the most delightful excursions of the Conference took place. It had been very wet during the morning, and this discouraged many from starting on the trip to the Roman Wall which had been arranged by Mr. Clague. The afternoon turned out fine—in fact, no more perfect day could be imagined for a pilgrimage *per lineam valli*. Some notes on the wall have been given in a previous issue of the *C. & D.*, so that the following must be regarded as supplementary. The route by motor char-a-banc from Newcastle was arranged to follow

the line of the Roman Wall as nearly as possible, the road being that constructed by General Wade between Newcastle and Carlisle. Mr. Clague acted as guide during the early part of the excursion, pointing out traces of the wall and vallum, also the features of the villages through which the party went. At Chesters Mr. J. P. Gibson, Hexham, was waiting to pilot visitors round the excavations at that spot. It may be mentioned here that a Roman document known as the "Notitia" has come down to the present time, and from this document it has been possible to identify the stations along the wall with certainty. Thus the Chesters was known as Cilurnum, and was garrisoned by Aesturians. Mr. Gibson first gave some particulars of the army organisation in Roman times, and then took the party round the excavations at Cilurnum. These were commenced by Mr. John Clayton in 1840, and continued up till his death in 1890. Mr. Clayton was the owner of the land upon which Cilurnum was found, and he also acquired the sites of four other camps—Procolitia, Boreovicus, Vindolana, and Magna—which he also explored. The successors of Mr. Clayton have built a museum at Chesters to contain the relics found during the excavations. The public are allowed access to the museum and excavations on certain days of the week, but special permission had been obtained for the Conference party. Cilurnum occupies a parallelogram of  $5\frac{1}{2}$  acres, and is one of the largest of the stations on the Roman Wall. It has six gateways, four being the usual number. The wall runs up to the west and east sides of the camp. Mr. Gibson gave a fascinating description of the various features of the excavations. He explained, for instance, how the doors moved in pivots in stone, and described the daily life of the thousand soldiers who lived in the barracks. The corners of the parallelogram were rounded, to avoid giving favourable points of attack by battering-rams. Large quantities of pottery, bones, coins, and small articles have been recovered during the course of the excavations, and are shown in the museum. The only relics of particular pharmaceutical interest are a mortar, apothecary's weight, and glass bottle. The Forum, with its public buildings, was pointed out, the most interesting part being, perhaps, the treasure-vault, in which the money of the regiment was kept. This vault, when opened, contained a few base denarii. The General's quarters show a good example of a hypocaust, the Roman method of heating apartments by the circulation of hot air beneath the floors. Cilurnum is beautifully situated close by the North Tyne River. On the banks are the remains of

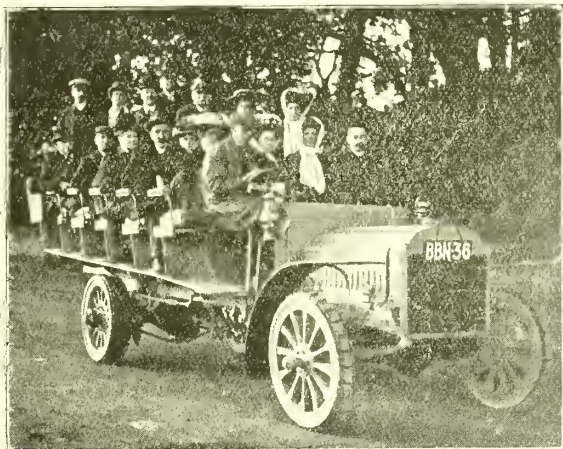


[Photo. Thompson & Lee, Newcastle-on-Tyne.]

GROUP PHOTOGRAPH TAKEN AT JESMOND DENE, JULY 27.



a Roman villa, which display a good many points of interest. A set of recesses in the courtyard of this villa have been the cause of much controversy among archaeologists. There



[Photo. Cleworth, Manchester.

THE MOTOR PARTY THAT VISITED THE ROMAN WALL ON JULY 27.

is also a window-opening, which is a rare feature in these camps. The window has been glazed, fragments of glass having been dug up beneath it. The abutments of the bridge constructed by the Romans is near at hand,



[Photo. Cleworth, Manchester.

AT THE GARDEN PARTY AT MR. WEDDELL'S HOUSE ON JULY 27.

and would well repay extended study. The bridge was of wood, and probably of the drawbridge type. The foundations of the water-abutments can be seen in the bed of the river when the stream is low. A curious point of the

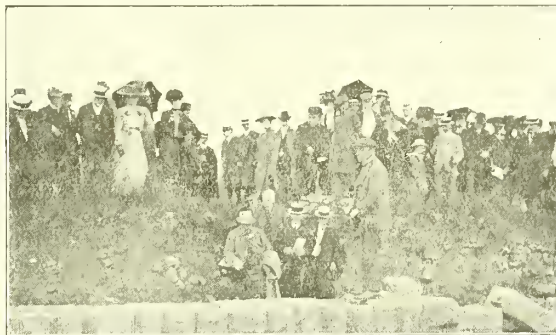


[Photo. Cleworth, Manchester.

Taken on the Tyne steamer, July 28, when the Conference Visitors went to North Shields and Tynemouth.

remains of the bridge is the evidence that the stream has in the last 1,500 years extended its boundaries westerly and receded from the east. The most important objects

discovered at Cilurnum are the Chesters diploma and a ring set with a carnelian on which is engraved the representation of a chariot-race. The former is in the British Museum, but an electrotpe is shown in the Chesters



[Photo. Cleworth, Manchester.

AT THE ROMAN CITY CORSTOPTUM.

Museum. The museum was inspected, and the motor-journey was resumed. Next was passed the well of Coventina, near the station of Procolitia. The holy well was discovered in 1876, and yielded the most remarkable series of objects. Some thousands of coins, brooches, and rings were dug out, and many altars and sculptured stones. Here the scenery is very wild, the wall following the hills and dales. Borcovicus, the modern Housesteads, was



[Photo. Cleworth, Manchester.

GROUP OF PRESIDENTS TAKEN AT CORSTOPTUM, JULY 29.

From left to right: Mr. W. A. H. Naylor, Dr. C. Symes, Mr. F. Ransom, Mr. J. F. Tocher, Mr. Geo. Weddell, Mr. T. Tyrer.

pointed out, and some good examples of mile-castles—intermediate forts between the stations. At Borcovicus the ruins which were laid bare in 1866 have since been filled in, owing to the damage done to the walls by tourists, but the plan is easily followed on the grassy slope. The



[Photo. Cleworth, Manchester.

IN THE QUADRANGLE OF NAWORTH CASTLE, JULY 29.

journey was then continued to Hexham, where tea was taken. Here Mr. Gibson left the party, being heartily thanked for his admirable guidance during the afternoon. Newcastle was reached about eight o'clock.



## Federation of Local Pharmaceutical Associations.

THE annual meeting of the Federation was held at the Armstrong College, Newcastle-on-Tyne, on July 30. The President, Mr. W. L. Currie (Glasgow) was in the chair, the other pharmacists present being Mr. H. Antcliffe (Sheffield), Mr. T. O. Barlow (Southsea), Mr. T. Maltby Clague (Newcastle), Mr. John Cleworth (Manchester), Mr. W. B. Cowie (Edinburgh), Mr. G. M. Cruikshank (Turriff), Mr. J. Dolbear (Oxford), Mr. G. Foggan (Bedlington), Mr. W. Giles (Aberdeen), Mr. W. F. Hay (Aberdeen), Mr. J. Rutherford Hill (Edinburgh), Mr. Edmund Jones (Hanley), Secretary; Mr. M. Macfarlane (Forfar), Mr. Jas. Paterson (Aberdeen), Mr. J. C. Pentney (London), Mr. W. Pescod (Newcastle), Mr. H. Raithby Proctor (Hammersmith), Mr. R. P. Rees (Dowlais), and Mr. F. Pilkington Sargeant (Leeds).

The minutes of the Aberdeen meeting were read, and also the letter convening the present meeting.

### THE FUTURE OF THE FEDERATION.

THE PRESIDENT commented on the minutes of the Aberdeen meeting. He said that before he had time to move in the matter of obtaining a members' room at Bloomsbury Square Mr. Hobbs obtained the concession. There was no meeting of the Federation in May, because the replies sent by local associations in response to a letter from the Secretary were discouraging. Of fourteen replies only one was in favour of a meeting, and even that was conditional. Mr. Currie then went on to justify the existence of the Federation, objecting mildly to the *C. & D.* remarks that the meeting was to be the burial of the Federation. It is necessary, he added, if the Federation is to be continued, that more support, financial and moral, be given to the Federation. He favoured an annual subscription from local associations in proportion to the members.

### THE PLYMOUTH SCHEME.

THE SECRETARY then read letters from Mr. C. J. Park (Plymouth) regarding the scheme of his Association. One of the letters stated that "a union of some kind is required to look after the commercial interests of retailers, or they will be dictated to by wholesale houses running their own proprietaries." A letter from the Secretary of the Plymouth Association criticised the Edinburgh scheme as unworkable, and added that the Association intended to withdraw from the Federation as soon as the current subscription expired. Mr. Jones said he thought that the Plymouth Association was a little annoyed at the lack of interest shown in the scheme. The motive of the promoters was good, added Mr. Jones, and at least some interest should have been shown in it by the other Associations.

THE PRESIDENT said he proposed to test the feeling of the meeting on the Plymouth scheme on account of the work which had been put into it.

MR. PENTNEY suggested both schemes should be before the meeting.

### THE EDINBURGH SCHEME.

MR. HILL said that if some one would move the Plymouth scheme, that of Edinburgh could be moved as an amendment.

THE PRESIDENT pointed out that the two schemes were different, the essential of the Plymouth plan being that the Federation shall be continued as a separate body, while in the Edinburgh suggestions an amalgamation was proposed.

MR. ANTCLIFFE then moved the adoption of the Plymouth scheme, and this having been seconded.

MR. HILL moved the Edinburgh plan as an amendment. The Federation has been excellently served in the officers, and he regretted the want of sympathy shown towards the Federation. The idea of the Federation originated at the Edinburgh Conference in 1892, and was carried into effect the next year at Nottingham. It has amply justified its existence, if only for the reason that it called into existence the local organisation of the Pharmaceutical Society. The work of the Proprietary Articles Trade Association, the

Chemists' Defence Association, and the Pharmaceutical Defence Union have been made possible because of the existence of the Federation. The P.D.U., which has been taken up by young energetic pharmacists, is, he said, "the dream of dreams," but the efforts made will result in benefit to the craft. The Federation meeting at Aberdeen last year was memorable for the way pharmacists were converted to a favourable view of the Poisons and Pharmacy Bill, which was then at a critical stage of its career. Proceeding to criticise the Plymouth suggestions, Mr. Hill objected to the proposed title, "British Association of Pharmacists," because of the use of the word "pharmacist," which should only be used by qualified chemists, and it is well known that the members of local associations are not all registered men. He mentioned also that one of the objects—to increase the membership of the Pharmaceutical Society—was outside the idea of a federation. He then went on to discuss the Edinburgh scheme, which seeks to establish a trade section of the British Pharmaceutical Conference to take on the duties of the Federation. This would give a more liberal interpretation to the root idea of the Conference, and would enable trade associations to send delegates to the Conference. The discussion on medical dispensing showed the need that exists for such discussions, and this would be supplied by the trade section suggested by the Edinburgh scheme. If the Conference devoted an afternoon to a discussion of these questions, it would relieve the local committee of the necessity of organising some of the social functions. The committee foreshadowed by the President of the British Pharmaceutical Conference is the kind of thing desired by the Federation. Mr. Hill referred to the commercial section of the American Pharmaceutical Association as the model to work upon. The scientific man and the commercial man would both have an interest in the Conference if the trade section idea were carried out. The resolution was as follows:

That immediate steps should be taken to approach the Executive Committee of the British Pharmaceutical Conference, with a view to having effected any changes necessary in the constitution of the latter body to enable the scheme herein recommended to be carried out at the next following meeting of the British Pharmaceutical Conference, in accordance with Rule 9 of the Conference constitution.

MR. MACFARLANE seconded the amendment.

MR. HAY said steps ought to be taken to find out what sort of a reception the Federation is likely to receive from the British Pharmaceutical Conference. It is desirable if possible to reduce the number of associations appealing to chemists for subscriptions. The subscription to the Conference could be increased to ten shillings.

MR. PENTNEY said the question is, Do chemists want to confer on matters which are outside the province of the Pharmaceutical Society? He thought they did, and that the Federation obtained a representative opinion from the trade. The want of success of the Federation has been due largely to the fact that the meeting is held on Friday, when most of the visitors to the Conference have left. The Edinburgh scheme embodied his own ideas as to the best thing to be done. He suggested that the Edinburgh resolution should have the words added, "and that a deputation wait on the British Pharmaceutical Conference." The mover and seconder of the amendment accepted this.

MR. ANTCLIFFE reminded the meeting that the Federation had already approached the Conference Executive twice, and had met with a point-blank refusal each time.

MR. FOGGAN supported the Edinburgh scheme, which was, he said, so moderate in character that he saw no reason why it should not be carried out. He considered, moreover, that the amalgamation would be of advantage to the British Pharmaceutical Conference, and would help to increase the membership by giving many more people an interest in the proceedings.

MR. PATERSON said it appeared that instead of a funeral there is to be a marriage. The Plymouth scheme is composed of incompatibles. For instance, there are to be subscriptions from associations as well as from members. If the associations are represented by delegates, who will voice the members?



Mr. SARGEANT regarded the Edinburgh scheme as the lesser of two evils. He saw, however, the difficulty that the British Pharmaceutical Conference Executive might be subject to influences from those engaged in the wholesale. He considered that only qualified chemists should be canvassed. What would happen if the deputation from the Federation met with a refusal from the Conference?

Mr. GILES opposed the Edinburgh scheme originally, as he thought such proposals should come from the Conference. The ice has, however, now been broken by the inclusion of trade discussions. Two committees of the Conference would be required, each with a chairman subject to the supreme control of the President.

Mr. JONES, as a delegate, agreed with Mr. Hill as to the inadvisability of associating the word "pharmacist" with a body which included unqualified persons, and, on the whole, he was against the Plymouth scheme. Mr. Sargeant's objection has been met by Mr. Giles's idea of two committees.

Mr. PATERSON: That means two subscriptions.

Mr. JONES said all that would be necessary would be to increase the subscription to 10s. 6d. and put aside 2s. 6d. for the commercial section. The proposal would be favourable to the Conference, which, he said, is not popular, as it deals with subjects which do not appeal to everyday pharmacists. The Conference, while fostering scientific matters, should take into consideration more bread-and-cheese questions. As regards the reception which the Federation deputation would receive, he said, in the event of this being unfavourable, notice could be given to move a resolution at the next meeting of the Conference that a vote be taken as to whether the amalgamation is desirable.

Mr. CLAGUE pointed out certain impractical features of the scheme of two committees, as there are some people with an interest in both sections. The discussion on dispensing is a sign that the Conference is approaching the views expressed at that meeting. *Festina lente* is the best course, and care should be taken to eliminate the threat implied in the intention to move a resolution at the annual meeting in case of refusal.

Mr. PENTNEY said there need be no antagonism between the parties, and he used as a simile the position of the Education Committee of the London County Council.

Mr. PATERSON complained that members of the Conference do not have an opportunity of electing the Executive.

Mr. ANTCLIFFE said the Conference never has been favourable to the Federation, as evidenced by the difficulty that is experienced every year in getting the Federation mentioned on the pink circular.

Mr. HAY said that the Executive of the Conference was certainly not antagonistic to the idea.

Mr. JONES explained that the absence of any mention of the Federation on the Newcastle circular was due to his neglect to answer Mr. Clague's letter on the matter.

Mr. HILL said they ought not to assume antagonism. He knew that Mr. Peck was enthusiastic about the idea. Mr. Clague's suggestion of diplomacy is the best. Previous approaches have been unofficial and indefinite. He favoured one fund only, from which the general work of the Conference could be carried on. The time has arrived when the Federation as a separate body should be dropped and the Conference should enlarge its scope.

The PRESIDENT said the scheme was not really an amalgamation but a suggestion that the Conference should alter its rules so as to be able to form a trade section. The Pharmaceutical Society recognises the good work done by the Federation and is alive to the necessity of keeping in touch with local associations. He suggested that the present officers of the Federation should continue in existence until the scheme has been carried out.

The amendment (the Edinburgh scheme) was put to the meeting, and there voted for it seven delegates and five others who were not delegates. The PRESIDENT announced that the amendment was carried.

Mr. SARGEANT then proposed that the Executive remain in office until the matter has been disposed of. This was unanimously agreed to.

Votes of thanks were then passed to the officers and to the authorities of the Armstrong College for allowing the meeting to be held in the College.

## Trade Notes.

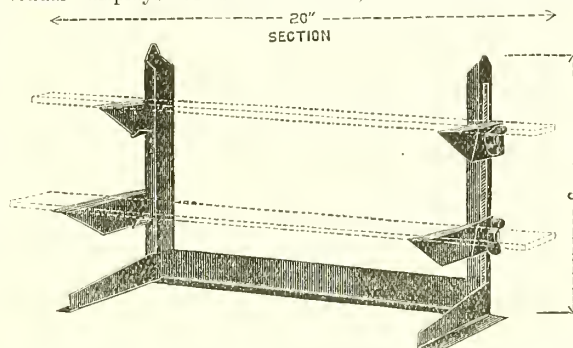
"PHOTOGRAPHIC FACTS AND FALLACIES" is the title of a twenty-four page booklet which is being distributed by Messrs. Burroughs Wellcome & Co., Snow Hill Buildings, London, E.C. The booklet tells of the uses of tabloid photographic chemicals, and is useful for distribution-purposes.

THE MIRROR OFFER made by Messrs. Southall Bros. & Barclay, Ltd., Birmingham, in a recent issue brought a large number of orders, and has led to the company repeating the advertisement in this issue. There are other helps for retailers mentioned in the announcement which are well worth considering.

DUN'S CAPSULES.—In the short note on p. 188 of the Jubilee Issue the name of Mr. R. T. Dun, 5 Oswald Street, Glasgow, was spelt with two "n's." Mr. Dun, who calls our attention to the error, rightly attaches considerable value to the spelling of his name, which in this case is uncommon, and therefore the more striking.

FUSED SILICA WARE.—The Thermal Syndicate, Ltd., Neptune Bank, Wallsend-on-Tyne, had a very fine show of fused silica ware at the reception in the Armstrong College, Newcastle-on-Tyne, given by the President of the British Pharmaceutical Conference on July 26. This ware is used for chemical operations, and possesses many advantages over glass, the chief being, perhaps, that it stands extreme changes of temperature without breaking. Reprints of Dr. Bottomley's paper on "Fused Silica Ware" were distributed at the Armstrong College, and those of our readers who would like further particulars should write to the Thermal Syndicate for a copy of this pamphlet.

FOR WINDOW DISPLAYS.—We give an outline sketch of a new arrangement for placing upon the ordinary shelves of a chemist's window for the purpose of arranging individual displays of small articles, such as bottles of



perfume. The fitting is collapsible, and the shelf-supports can be adjusted as desired. It is light, yet strong, and costs a few shillings, from the designer, Mr. G. F. Pierce, 10 Lunham Road, Upper Norwood, London, S.E.

TIDMAN'S SEA-SALT has been before the trade for fifty years, and has probably never been so popular as it is at the present time. This popularity is due to the fact that most medical men recognise the benefits that are likely to accrue from bathing in sea-water. Tidman's Sea-salt is not simply sodium chloride, but contains the other natural salts which are found in sea-water. Hence a solution of it forms a complete substitute for sea-water, with the advantage that it can be used in the home. Messrs. Tidman & Son, Ltd., Bushell Street, London, E., have sent us some sample packages, and we note that the 3-lb. boxes are supplied with loose muslin bags. If the salt is placed in one of these bags and suspended in the bath, solution takes place in the minimum of time. The penny packages, sold in boxes of a dozen, are convenient for retailing, as one package contains a suitable amount for using at one time.

NEW HEBRIDES SANDALWOOD.—Some very fine parcels of sandalwood arrived in New Caledonia from the New Hebrides during the past few months, but very little of any value is now found in the former Colony. Prices range from 29% to 32% for superior parcels from the New Hebrides.

## Legal Reports.

### Trade Law.

**Use of the Word "Patent."** Messrs. Jas. Carter & Co., High Holborn, London, W.C., and Messrs. Barr & Sons, King Street, Covent Garden, London, W.C., were at Bow Street on July 31 fined 1*l.* and 3*l.* costs, for selling raffia tape to which the word "patent" was falsely applied. A Mr. West obtained a patent for the manufacture of raffia tape which was afterwards revoked, but defendants still continued to sell the raffia tape labelled "West's patent." Defendants admitted a technical offence.

**Selling a Disinfectant-business.**—In the City of London Court on July 30, before Judge Lumley Smith, a claim was made by Miss Florence Stanley, typist, 20 Yarrell Mansions, West Kensington, against Mr. James Hay, disinfectant-manufacturer, 10 Newton Road, Bayswater, to recover 9*l.* due for wages. Defendant admitted that the money was due to the plaintiff, but said he was entitled to an indemnity against Mr. A. S. Walker, High Street, Watford, and Mr. Thomas Weary, The Grove, Wandsworth, as third parties, who had agreed to take over the business and pay all his trade liabilities. His Honour gave judgment for plaintiff against Hay, and Hay's claim against the third parties was adjourned until he proved that the plaintiff's debt was in the books of the firm.

**Injuries from a Hair-dye.**—At the Westminster County Court last week, Judge Woodfall and a jury heard evidence in an action brought by Charles George Steele, caretaker at a school, of the Royal Naval Reserve, to recover damages for personal injuries against Messrs. Morton & Son, hair-dye manufacturers, Greenwich. It appeared that the plaintiff purchased from a hairdresser a hair-dye which was described thus in a handbill:

Morton's Hair-dye. Easy to use. In all colours. 6*d.* and 1*s.* per case. Changes colour to any required shade in a few minutes by simple and easy process, without the least injury to the hair. Free from any unpleasant odour, and not injurious to health. The hair must be washed and free from dust. . . . Ask for Morton's Improved Hair-dye, and see you get it. To be obtained of hairdressers, chemists and druggists everywhere. Sold here by special appointment.

Steele used the dye, following the directions, and instead of the desired dark brown, his hair and moustache became a vivid magenta. He became a laughing-stock, had to shave his moustache off, and get permission to wear his hat always at the school. In addition, he suffered great pain in the head and lip, which kept him awake at night, and his scalp was dyed as well as his hair. He wrote to the defendants, and they replied that they would send him something free of charge. Evidence to this effect was given. Mr. Gibbons (for defendants) said the dye was composed of ammoniated silver nitrate 2½, ammoniated copper nitrate 1½, distilled water 96; and Dr. Bensley (for the plaintiff) said it should be carefully applied. Henry Morton, of the defendant firm, stated in evidence that he is a registered pharmacist, and has been in business forty-four years. He said he compounded this dye most carefully himself, and there was not the slightest danger in it. He was prepared to call witnesses who were users, also hairdressers and chemists who had been selling it for years; but his Honour held that evidence that other bottles had been used without complaint was not material. In the result, the jury found that (1) the sale was by defendants' agent; (2) the article was reasonably fit for the purpose for which sold if made according to the formula, but there was no evidence as to what this bottle contained; (3) defendants knew it was dangerous under certain circumstances, and did not warn the plaintiff. They awarded plaintiff 15*l.*

### High Court Cases.

#### KEATING'S POWDER.

In the Chancery Division on July 29, Mr. Fellowes applied to Mr. Justice Neville, in the case of Keating v. Drinkwater, for an injunction until the trial of the action or further order to restrain defendant, his agents and servants, from selling insecticide for the destruction of moths, fleas, beetles, etc., as Keating's Powder, which was not the powder of the plaintiffs. Counsel stated that when notice was sent to the defendant he wrote to plaintiffs' solicitors, practically admitting that he was in the wrong. Plaintiffs were clearly entitled to an interlocutory injunction, but he wished it to be made perpetual.—His Lordship granted an interlocutory injunction, with power, on the consent of defendant, to turn it into an absolute order.

#### MR. FULFORD'S WILL.

JUDGMENT was delivered on July 30 by the Judicial Committee of the Privy Council in the matter of Fulford v.

Hardy and others (see *C. & D.*, July 10, p. 43). There were present Lord Macnaghten, Lord Collins, Lord Gorrell, Sir Andrew Scoble, and Sir Arthur Wilson. Lord Macnaghten, in the course of the judgment, said their Lordships will advise his Majesty that the appeal should be dismissed, and the judgment affirmed, with a variation giving liberty to the infant defendant, George Taylor Fulford, to apply to the Court on attaining the age of twenty-five, and to any party interested under the testator's will to apply to the Court for each modification of the judgment as may be proper in the event of the death of any one or more of the testator's children. The costs of all parties will be paid out of the estate, and will be taxed and disposed of by the Courts in Ontario.

### THE GILLETTE RAZOR PATENT.

BEFORE Mr. Justice Parker on July 30, judgment was given in the case of the Gillette Safety Razor Co. v. A. W. Gamage, Ltd. The plaintiff company were the owners in equity of the patent (28763 of 1902) granted to Mr. King Camp Gillette. A limited licence was granted to the purchaser of razors made in pursuance of the invention, or any person into whose hands the same might come, a limited licence to use or sell the same on the express condition that they were not to be sold by any retailer or advertised for sale at a less price than one guinea, and on every cardboard box in which the razors were made up the provisions of the licence were stated, with a warning that any sale in breach of the provision would be an infringement of the patent. The defendant company had, as was admitted, sold one or more razors at 18*s.* 6*d.* each, and the present action was brought to restrain it from selling at less than one guinea. The defendant company alleged, among other things, that the patent was invalid. Mr. Justice Parker said that the defendants, having sold the razors at a less price than one guinea, had acted contrary to the conditions of the licence granted upon the original sale of the article, and therefore they had infringed the letters patent, if valid. His Lordship then referred in detail to the specification and the claiming clauses thereof, and in the result held that, although some of the claims were valid, others were not, and that it was therefore impossible for him to uphold the letters patent in their present form. A discussion then took place as to whether, having regard to Section 22 of the Patents and Designs Act, 1907, the Court, having given judgment against the validity of the patent, had any jurisdiction to allow any amendment by way of disclaimer. The defendant company's counsel said that there was no wish to place any obstacle in the way of such amendment, providing the action was dismissed with costs as against the plaintiff company. It was stated that other actions for infringement were pending, and that in one of them an application might be made to amend the patent by way of disclaimer. The plaintiffs were ordered to pay the costs of the action.

### SACCHARIN PATENTS.

In the Chancery Division on July 28, Mr. Bousfield, K.C., on behalf of the defendants in the action the Saccharin Corporation, Ltd., v. the National Saccharin Co., asked that an order made by his Lordship in Chambers should be discharged. The order was that defendants should give up certain particulars, and the defendants said that they could not supply them. The matter, he said, was new. The plaintiffs had three saccharin patents, and no one knew under which patent the proceedings were taken. The particulars asked for in the order had reference to the defence under the new Patent Act—namely, that the plaintiffs' licences were liable to be revoked because the patented article was made mainly or exclusively abroad. The plaintiffs' case was that the defendants had at different times infringed one or more of the letters patent. It was, however, impossible to tell which of them had been infringed because no one could tell, by looking at the saccharin, by which process it had been made. The plaintiffs, who themselves could not say which it was, now asked, "What are the patented processes which it is alleged have been carried on exclusively or mainly outside the United Kingdom, and where and by whom had they been so carried on?" The defendants could not say which of the processes was so carried on; their only answer could be, "These three patented processes." The plaintiffs and the defendants were in the same condition of darkness. The



plaintiffs also asked what quantities of saccharin they alleged had been imported during each of the last four years of the plaintiffs' three processes. All the defendants knew about that was from the Customs returns. These showed that only a quarter of the total saccharin consumed in this country was made here, and the remainder was imported from abroad. The defendants could not tell by whom and by what processes all this was made. Counsel submitted that they were asked to give these particulars of facts on which they did not rely, and which were not necessary to success in the action. The defendants were counterclaiming revocation of the plaintiffs' patents on the ground that the saccharin was being made exclusively or mainly abroad, and that was proved by the Customs returns. The allegations made by defendants were directed solely to operations by plaintiffs or their predecessors. The plaintiffs were granted an injunction, but he submitted that the whole of the case on which it was granted was that all saccharin must be made by processes which they owned and made by them or their licensees. Counsel requested that the particulars asked for should be struck out.

Mr. Owen (also for the defendants) addressed the Court. A roving commission all through the Continental factories, he said, would be necessary to give the required particulars.

His Lordship, without calling on counsel for the plaintiffs, said he thought the particulars required were germane to the defence to the action, and that it was not oppressive on the defendants to require them. He declined to vary the order, and dismissed motion, with costs.—Leave to appeal was granted as it was a point under the new Patent Act.

### Medicine-stamp Act, 1812.

#### "ANTINEURASTHIN."

BEFORE Sir Charles Wakefield, at the Mansion House Police Court on August 3, Mr. William Migge, 10 Eastcheap, London, E.C., appeared upon a summons, at the instance of the Inland Revenue, for selling "Antineurasthin" without a Revenue stamp, in contravention of the Stamp Act. The case was before the Court last October, when the Magistrate held that the substance was not a medicine or medicament, but a food, and was therefore not liable to stamp-duty. He accordingly dismissed the summons, but on appeal the Divisional Court reversed the decision (see *C. & D.*, July 31, p. 173). Mr. C. Simpson appeared for the Customs and Excise Department. Mr. Wynn Wernick, barrister, who appeared for the defendant, desired to say that in this matter his client had acted perfectly *bona fide*. Sir Chas. Wakefield: In obedience to the order of the High Court I shall impose a fine of 1*l.*, and allow five guineas costs.

### Sale of Food and Drugs Act.

#### SWEET NITRE.

AT Leeds on July 27, Rose Ann Moss, grocer, Oulton, was fined 1*s.*, and costs, for selling sweet spirit of nitre deficient in strength.

#### MALT VINEGAR.

AT Portsmouth on August 4, Henry Sturt, a general shopkeeper, of Southsea, was summoned for selling malt vinegar not of the nature desired. The analyst said it contained 90 per cent. of wood vinegar, which is cheaper than malt vinegar. The inspector said he understood the defendant to say it was "good" vinegar, but defendant swore that he said "wood" vinegar. The Bench dismissed the case.

#### PEPSIN CHEWING-GUM.

In the case at the Bradford Police Court in which Jonas Bottomley, Bradford, was summoned for selling "pepsin chewing-gum" which was not of the substance and quality demanded (see *Col. Supp.*, July 31), the Bradford Stipendiary Magistrate (Mr. H. W. W. Wilberforce) gave judgment on August 4. He first dealt with the preliminary objection that the sample had not been divided according to the provisions of the statute, the purchase being one of twenty-two packets, all of which should have been divided into three parts. The case quoted, however, must be read in the light of the subsequent decision in the case of *Smith v. Savage*. He (the Stipendiary) held that the purchase was of one article, and the division was properly made in the fact that there was a division of one of the packets. Beyond

that an analysis of the other packets had yielded results agreeing with the analysis of a third of one packet. In regard to the objection that the article was not a drug, he did not hold that chewing-gum is a drug, but in his opinion pepsin chewing-gum is a drug, and the label on the box, which stated that it was good for indigestion, showed that the defendant was selling it as a drug. It is perfectly obvious that the name of pepsin chewing-gum was intended to convey that it was chewing-gum containing pepsin. Therefore, if it contained no pepsin, the article was not of the nature and quality demanded, and was sold to the prejudice of the purchaser. He would not hold that the gum need necessarily be gum arabic. A fine of 5*l.*, including costs, was imposed.

## New Companies and Company News.

The letters P.C. mean Private Company within the meaning of the Companies Act, 1907, and R.O., Registered Office.

J. RAWLINSON & Co., LTD. (P.C.).—Capital 5,000*l.*, in 1*l.* shares. Objects: To carry on the business of chemists, druggists, drysalts, oil and colour men, etc. The first subscribers (each with one share) are H. L. Stuart, 77 Albert Palace Mansions, Battersea Park, S.W., and W. H. Churcher, Walton House, Lordship Lane, Dulwich, S.E. R.O., 431 Moorgate Station Chambers, E.C.

"LA CARBONIQUE, PUR," LTD. (P.C.).—Capital, 4,000*l.*, in 3,400 preference shares of 1*l.* each and 12,000 ordinary shares of 1*s.* each. Objects: To carry on the business of dealers in carbonic-acid gas and substances used in connection therewith, chemists, druggists, drysalts, etc. The first subscribers are J. W. Thomas, 2 Great Winchester Street, E.C., and L. A. Daniell, 8 Queen Street, E.C., merchant. Registered by Neish, Howell & Haldane, 47 Watling Street, London, E.C.

ABERDEEN HYGIENIC INSTITUTE, LTD. (P.C.).—Capital 100*l.*, in 1*l.* shares. Objects: To carry on the business of manufacturers of and dealers in artificial teeth and apparatus, preparations, and appliances of all kinds for preserving or improving teeth, or providing artificial substitutes therefor; to employ competent persons to act on the company's behalf as advising dentists, dental surgeons, chemists, operators, mechanics, etc.; and to manufacture, manipulate, and deal in all substances, apparatus, and things capable of being used in any such business. The first subscribers are: Thomas Starkie, sales-manager, Glasgow; Daisy Sinclair, typist, Glasgow; and Thomas Angus Cowley, stockkeeper, Lochee. In addition to the above, fifty-three companies have been registered having similar titles, memoranda, articles of association, objects, and capital. The names of the other companies are identified with the following towns: Ashington, Barnsley, Barrow, Bathgate, Belfast, Bishop Auckland, Blackburn, Blackpool, Bradford, Carlisle, Castleford, Chester, Chester-le-Street, Chorley, Coatbridge, Crosshill, Dennistoun, Dumbarton, Dumfries, Dundee, Dunfermline, Edinburgh, Elmbank, Falkirk, Galashiels, Greenock, Hamilton, Hull, Ibrox, Inverness, Kilmarnock, Kirkcaldy, Lanark, Leeds, Leigh, Londonderry, Mansfield, Middlesbrough, Motherwell, Newcastle, Nottingham, Paisley, Partick, Perth, Pontypriid, Potteries, Rochdale, Sheffield, Stanley, Sunderland, Wakefield, Waterford, and Wigan.

MORTGAGES AND CHARGES.—*Ammonia Soda Co., Ltd.* Total amount in respect of mortgage outstanding on July 1, 1908, 46,086*l.*—*Easton and Melville, Ltd.* Issue on July 13 of 1,000*l.* debentures.—*Viking Rermet Co., Ltd.* A memorandum of satisfaction in full on January 1, 1909, of 500*l.* debentures (January 1, 1908) has been filed.—*Argentine Estates of Bovril, Ltd.* Trust deed, dated July 15, to secure 4½ per cent. debentures for 450,000*l.* and 45,000*l.* by way of premium, charged on factorics, camps, islands, etc., in Entre Rios and Santa Fé. Trustees, River Plate Trust, Loan, and Agency Co., Ltd., 52 Moorgate Street, London, E.C.—*G. H. Morison & Co., Ltd.* Debenture, dated July 21, to secure 100*l.*, charged on the company's undertaking and property. Holder, G. H. Morison, Westinghouse Buildings, W.C.—*Bland & Co., Ltd.* Mortgage, dated July 19, to secure 1,000*l.*, charged on freehold premises at Stourbridge. Holder, J. H. Bland, Stourbridge.—*Yardley & Co., Ltd.* Particulars have been filed of 10,000*l.* debentures, created July 13, amount of present issue being 300*l.*—*Simmondley Springs Bottling Co., Ltd.* Particulars have been filed of 200*l.* debentures, created July 12.

## Birth.

DEACON.—At 35 Elizabeth Street, Bradford, on July 29, the wife of C. H. Deacon, chemist and druggist, of a daughter.

## Marriages.

AMOS—HOLLOWAY.—At St. Peter's, Malvern Wells, on August 5, by the Rev. F. K. Clarke, M.A., assisted by the Rev. W. R. Gledhill, M.A., of Colwall, Samuel E. Amos, pharmacist, Colwall, to Annie Mary, eldest daughter of Mr. Alfred Holloway, Malvern Wells.

DOWNING—BRETT.—At Southwell, on July 29, James Henry Downing, chemist and druggist, King Street, Southwell, to E. A. Brett, second daughter of Mr. Wm. Brett, Halloughton.

EDKINS—LEECH.—On August 4 at Worthing Congregational Church, Robert Felton Edkins, chemist and druggist, 3 Station Parade, Shortlands, Kent, to Ethel Olive Leech, only daughter of Mr. R. Leech, 1 Hertford Road, Worthing.

LANG—HOLLINGTON.—At Enfield Wesleyan Church, William Robert Lang, D.Sc., Professor of Chemistry at the Toronto University, to Edith (Daisy) Hollington, the youngest daughter of Mr. A. J. Hollington, J.P., Forty Hill, Enfield.

ROBERTSON—GUTHRIE.—On August 3 at 199 Ferry Road, Leith, by the Rev. A. St. Clair Sutherland, M.A., assisted by the Rev. J. Marshall Robertson, M.A., Robert Smith Robertson, Leith, to Catherine Mary (Katie), elder daughter of Mr. A. D. Guthrie, pharmacist, Bonnington, Edinburgh.

TAYLOR—IBBITT.—At Upper Chapel, Norfolk Street, Sheffield, on July 29, by the Rev. C. J. Street, M.A., LL.B., George Taylor, Walkley, to Helen, younger daughter of Mr. H. E. Ibbitt, chemist and druggist, Endcliffe.

## Deaths.

BARON.—At Blackburn, last week, Mr. John Smith Baron, chemist and druggist. Mr. Baron was formerly in business as a homœopathist at Astley Gate, Blackburn.

BLAKE.—At Marlborough, Wilts, on July 24, Mr. Ebenezer Blake, chemist and druggist, aged seventy-four.

BROWN.—On July 23, Mr. Vincent Brown, dispenser at Selby Hospital for many years.

FORD.—At Kirriemuir, on July 30, Mr. James Ford, chemist and druggist. The deceased gentleman, who had been in indifferent health for some time, was a native of Kirriemuir, and served his apprenticeship in Montrose, leaving the latter place for Glasgow. He returned to Kirriemuir about fifty years ago, and began business on his own account. Mr. Ford served on the old Police Commission Board, and was also a Justice of the Peace. He took much interest in the Forfarshire Chemists' Association. A family of five daughters is left to mourn his loss.

MORRIS.—At Portmadoc, last week, suddenly, Mr. Daniel Morris, chemist and druggist, aged forty-five. Mr. Morris recently left his business at Portmadoc to become the manager of a Stalybridge establishment, but returned a few days ago, as his health was far from satisfactory. His father, the late Mr. Evan Morris, chemist, died last May.

REYNOLDS.—On July 31, suddenly, at his residence, 59 Avenue Road, Southend-on-Sea, Mr. Sampson Knott Reynolds (Messrs. Reynolds & Sellers, colonial brokers), of 9 Mincing Lane, London, E.C., aged fifty-eight.

THOMSON.—At Haylake, Cheshire, on July 27, after a prolonged illness, Mr. Archibald Thomson, pharmacist, Northgate Pharmacy, Chester, aged forty-three.

VOGL.—At Vienna, on July 25, Hofrat Dr. August Emil Ritter Vogl, of Fernheim, Professor of Pharmacognosy and Pharmacology at the University of Vienna, aged seventy-six. Dr. Vogl, who was elected an honorary member of the Pharmaceutical Society of Great Britain in 1878 and Hanbury Medallist in 1895, was the son of a pharmacist at Wiesskirchen, in Moravia, where he was born in 1833. He was an ardent botanist from his childhood, and when twenty-one years old commenced to study medicine in Vienna. Before his studies were completed the war of 1859 between Austria and Sardinia and France broke out, and Vogl was sent to Italy to serve in the military hospitals at Mantua and elsewhere. When the war was ended Vogl took his doctor's degree and thenceforward devoted himself entirely to scientific work, especially botany. In 1867 he was appointed librarian to the Josefinum, Vienna, and two years later assistant to Professor Schneider, Director of the University Chemical Laboratory. In that position Dr. Vogl wrote the pharmacognosy of the commentary to the Austrian Pharmacopœia. In 1870 he accepted the Chair of Botany and Zoology at the German Polytechnic in Prague, and in 1874 (having also in the meantime acted as editor of the scientific journal "Logos") he succeeded Dr. von Schroff as Professor of Pharmacognosy and Pharmacology in Vienna. Among Professor Vogl's numerous writings on scientific subjects his "Commentar zur Oesterreichischen Pharmacopœe," "Lehrbuch der Arzneimittel Lehre" (written jointly with W. Barutzek), and his "Anatomischer Atlas zur Pharmakognosie" are the best known. The Professor was an exceedingly quiet and modest man, but very popular with his students.



DR. A. E. R. VOGL.

WILSON.—At Church Kirk, Accrington, on July 27, Mr. Adam Wilson, traveller for Messrs. W. Metcalf, Ltd., chemical-manufacturers, Church, aged fifty.

## Recent Wills.

The dates in parentheses refer to the issues of "The Chemist and Druggist" in which the deaths of the testators were reported.

MR. LEONARD FAWELL, of Mayfield, Kingswood Road, Shortlands, Kent (chairman of A. J. White, Ltd.), left gross estate valued at 66,816*l.* (June 19, p. 954.)

MR. CHARLES FRANK LLOYD, 70 Darlington Street, Wolverhampton, homœopathic chemist, left estate of the gross value of 409*l.* 10*s.* (C. & D., July 10, p. 49.)

MR. EBENEZER YATES, Swinton, Lanes, chemist and druggist, left estate valued at 1,976*l.* 2*s.* 10*d.*, of which 1,324*l.* 12*s.* 4*d.* is net personalty. (May 12, p. 777.)

MR. JOSEPH WM. BOWEN, Medical Hall, Criccieth, Carnarvon, chemist and druggist, left estate of the gross value of 2,461*l.* 4*s.* 4*d.*, with net personalty 850*l.* (C. & D., June 26, p. 974.)

MR. JOHN HUTCHINSON DUDGEON, of Hesseville, Stranmillis Road, Belfast, registered druggist, who died on June 14, left personal estate valued at 2,950*l.* 4*s.* 8*d.*, of which 949*l.* 15*s.* is English estate.

MR. JOHN LONGBOTHAM, Middleham, Yorks, chemist and druggist, left estate of the gross value of 12,545*l.* 11*s.* 1*d.*, of which the net personalty has been sworn at 12,454*l.* 11*s.* 2*d.* (C. & D., June 19, p. 954.)

MR. ARTHUR WILLIAMS CROOK, Westcliff, Preston, chemist and druggist, left estate of the gross value of 12,481*l.* 3*s.* 11*d.*, of which the net personalty has been sworn at 7,666*l.* 5*s.* 7*d.* (C. & D., June 5, p. 853.)

MR. HENRY OLDFIELD, J.P., Fern Bank, Mottram Road, Hyde, Cheshire, chemist and druggist, left estate of the gross value of 8,693*l.* 15*s.* 4*d.*, of which the net personalty has been sworn at 6,462*l.* 1*s.* 4*d.* (C. & D., June 5, p. 853.)

DR. BENJAMIN WILLIAM GATHERGOOD, M.D., Aylmer Hall, Tilney St. Lawrence, King's Lynn, fruit and herb farmer and manufacturer of medicinal compounds, left estate of the gross value of 21,021*l.*, with net personalty 10,813*l.* (June 5, p. 853.)



## Observations and Reflections.

By "Xrayser."

### The Trade History

of the past fifty years is strikingly, and even startlingly, illustrated by the comparison of the last issue of *THE CHEMIST AND DRUGGIST* with the replica of the first number which dropped out from the skirts of its bulky descendant. The contrast must not be pressed too closely because, obviously, a journal with half-a-century's history behind it and a world-wide reputation around it must be expected to carry a much greater train of advertisements than a new publication produced before the possibilities of that method of promoting business had been fully realised, and when, indeed, something of the nature of a stigma attached to firms who resorted to advertising as a means of making known themselves and their goods. The alteration of public, or at least of pharmaceutical, opinion in reference to advertising is, in fact, one of the most striking of the contrasts suggested by the juxtaposition of the first and last numbers of the *C. & D.* It is not surprising, though it is certainly interesting, to find that firms who advertised in No. 1 are still courting us in No. 1540; more surprising is it that a firm once established should ever disappear. Even if everyone associated with the business should die or retire, it might be supposed that somebody would have been eager to keep the old name going. But

### The Most Astonishing Aspect

of pharmacy suggested by these widely separated publications is the wonderful growth of the wholesale drug-trade, including all the branches of business which pharmacy touches, compared with the apparently slight improvement of the retail section, on which it might have been supposed the prosperity of the big brothers depended. If a middle-aged pharmacist will turn over the pages of this Summer Number in a reminiscent spirit, he will notice a multitude of names familiar enough now, but which have forced their way into the ranks of pharmacy in the fifty years' period now under consideration; he will remark, besides, that many of the big advertisers of to-day, though they were then in existence, could hardly have been included among wholesale firms at all in 1859; it can hardly fail to occur to him that this expansion of the drug-trade to which the Summer Number testifies is at least as prominent all over the United Kingdom as it is in London, for the growth of great provincial drug-houses is a particular feature of the survey; and, lastly, he will have to observe that all these firms are spending their money—in advertising and in many other ways—much more lavishly than their predecessors did in 1859. It does not need proving that that money and the vastly increased revenue necessary to maintain all these new and enlarged concerns have to be provided to a very large extent by the trade which we are so often assured is worse now than it ever was. It is true that Colonial pharmacy has grown from quite a small thing to a very considerable factor during these fifty years, but to meet that and the expanding business with foreign countries there are a special class of dealers, in addition to the wholesale druggists whom we call ours. Perhaps the Colonial and foreign trade does account more than some of us think for the modern expansion of advertising; but it leaves the obviously much-increased spending-power of retail chemists and druggists an economic problem which probably Mr. Tocher may some day grapple with. Verily "there is that scattereth and yet increaseth"; the problem is to ascertain who is the ultimate victim.

### Three per Ten Thousand

is Mr. Tocher's estimate of the proportion of pharmacists to the total population; and ninety-nine hundredths of those three are troglodytes, who stayed obstinately in their caves instead of travelling to Newcastle last week and tripping through the Wonderland of Pharmacy as it Ought to Be, under the skilful but somewhat bewildering guidance of our Northern leader. The term "bewildering" is not meant disrespectfully; it is merely the protest of a naturally sluggish intellect against the nimble and sudden transitions from solid earth to misty cloudland which characterise Mr. Tocher's oration. For example, we start with the simple and definite assurance that our progress or retrogression is just the result of the laws of heredity and of the influence of environment. That is as easy and comfortable a doctrine as we troglodytes could desire. Nothing that we can do can shift by one hair's breadth the laws of heredity or the influence of environment; let us therefore do nothing. But a few minutes later we are in the thick of the fight with the licensing authorities, and a pretty little clause is drafted for us carefully devised to involve us in conflict not only with heredity and environment, but also with the House of Lords, the Board of Agriculture, Mr. Alexander Cross, and a score of other quite palpable opponents. Again, the laws of heredity and the influence of environment have shown themselves unfriendly to those elegantly balanced prescriptions of 1810 which gave scope for the artistic skill of the dispenser, and subsequently for Mrs. Sarah Head's "*vacuo stomacho*" to distinguish itself. The fall from that state to the simple vending of a bottle of tablets is discouraging to pharmacy, no doubt; but does Mr. Tocher seriously propose a joint committee of the Conference and of the British Medical Association to restore to us the halcyon compounding-days of a century ago? I am not quite sure whether it was as

### A Complaint or a Compliment

that Mr. Martin declared that the presidential address was "stored with material for six addresses." Variety is attractive, and the survey of the President of such an association as the B.P.C. is none the worse for being comprehensive. But Mr. Tocher tantalises us several times with clever ideas, which he abandons for some new notion before he has even suggestively expounded the earlier one. One instance must suffice. The President had the happy idea of comparing the prices of 155 of our leading drugs and chemicals in 1810 with those of the same articles to-day. He finds the interesting result that if a pharmacist bought a pound of each of these 155 things then and now, he would have paid 11s. 6d. per lb. on the average in 1810 and 5s. 7d. per lb. in 1909. But no sort of use can be made of the information thus compiled. To average the prices of nitrate of silver and sulphate of magnesium, say, proves nothing. What was needed to make the comparison serviceable was to fix on an approximate proportion in which the substances were bought in pharmacy, and to reckon up the cost of a stock bought in that ratio. From that calculation we should be able to deduce an "index figure" for our business, which would be of statistical value.

### State Insurance against Sickness,

as now practised in Germany, and described in Mr. Forrester's letter in the *C. & D.* of July 24, may be expected here sooner or later. We are following Germany's lead in too many directions to ignore this system. In Mrs. Alfred Sidgwick's pleasant and informing book on "*Home Life in Germany*," published about a year ago, this insurance system is introduced. A deputation of Birmingham brassworkers had visited Germany to study social conditions. They found that the club doctor and the dispensary as we know them do not exist there. In their stead, they said, "Leading doctors and specialists, with very few exceptions, are at the service of the working man or woman." Mrs. Sidgwick showed this to a leading doctor. "Yes," he said; "we get about 1½d. for a consultation, and we find these the most impossible people in the community to satisfy. As they get medical advice for nothing, they run from one doctor to another, and consult a dozen about a simple ailment which a student could set right. We all suffer from them."

# 'SANITAS-BACTOX'

THE STRONGEST AND BEST  
HOMOGENEOUS  
COAL TAR DISINFECTANT.

GUARANTEED CO-EFFICIENT 20.

1 - bottles and 5 - gallon.

Full particulars from

The 'SANITAS' Co., Ltd.

LOCKSLEY STREET, LIMEHOUSE, E.

Manufacturers of all kinds of Disinfectants.

## WARRICK BROTHERS.

FRENCH  
and all Foreign  
PROPRIETARY  
MEDICINES  
can be obtained from  
**WILCOX, JOZEAU & CO**  
49 Haymarket London SW  
*Price List on Application*  
*Special Export Terms*  
Foreign Prescriptions  
dispensed for  
Pharmacists

## ANOTHER TESTIMONIAL.

In reply to an enquiry of mine, a Southern Chemist who has just renewed writes, under date August 2nd: "Sales for 7th Corn Silk since August 20th last, 520. Increased takings for July over last July, £27. Policeman moving crowds on Saturday evening. I thought I was in for it; never saw anything like it."

Send for my free booklets on Business Increasing, and let me do these things for you too. Interview within 300 miles included in my modest fee.

BERNARD SLACK, Princes Chambers, Wolverhampton.

# GRIMBLE'S PURE VINEGAR.

Brewery: LONDON, N.W.

## S.V.M.

METHYLATED SPIRIT  
Also RECTIFIED SPIRIT.

## S.V.R.

Jas. Burrough Ltd.

Cale Distillery, Hutton Road,  
LAMBETH S.E.

## FLETCHERS'

FOR TINCTURES, INFUSIONS,  
AND SYRUPS.

## CONCENTRATED

Sole Proprietors:  
FLETCHER, FLETCHER & Co., Ltd.  
London and Sydney.

## LIQUORS

## Editorial Comments.

### The Dispensing Discussion.

THE discussion on the question of confining the dispensing of medical prescriptions to qualified pharmacists which was initiated at the Newcastle Conference has not advanced the matter much; but it has led to the subject being referred to the Executive Committee for further consideration. Reading over the remarks of the various speakers as reported in the last issue of this journal, it can hardly be said that the arguments advanced were new. Dealing first with the advantages which would result to medical men, these may be classified as follows: The medical man would be freed from the drudgery of dispensing; he would have more time for recreation and for continuing the study of medical problems; he would be freed from work for which he is not trained or paid; he would cease to be a trader; he would have his prescribing checked by the dispenser; he could then more readily obtain an understanding with the pharmacist regarding the repetition of prescriptions; and medical science would be advanced. The advantages to the pharmacist would be that he would exercise a calling for which he has been especially trained. It was generally acknowledged that the pharmacist is better qualified to dispense than the medical man. The advantages to the public would be that the prescriber would be checked by an educated dispenser. A point which some speakers made was that specialisation demands the separation of the functions of the prescriber and the dispenser. The reasons why medical men should not give up dispensing were stated to be that the public expect, and often prefer, to obtain their medicines from the surgery, this being especially the case in contract practice. It was also put forward that urgency often



demands that the medical man should supply medicine so as to prevent delay. It was urged that medical men might give up dispensing if pharmacists would stop selling advertised cure-alls and cease prescribing. One of the difficulties in the discussion was that the speakers referred to extreme cases which had occurred within their experience, and in this matter both medical men and pharmacists were equally to blame. It is necessary that a broader standpoint be taken in any further discussions, as exceptional cases will not help forward the propaganda. The matter is at present left in the hands of the Executive, who have power to communicate with the British Medical Association if this course is thought to be desirable. If the subject comes up for discussion before the branches of the British Medical Association, local pharmacists may be invited to give their views to their medical *confrères*. A good deal of discretion and tact would be required in such cases; but the association of the doctor and the pharmacist in friendly discussion would clear the air and be to the advantage of both parties.

### Medicine-stamps.

THE question of gumming medicine-stamps has recently been revived by Mr. Walter Duplock, of Chester, in correspondence with the Board of Inland Revenue. Mr. Duplock would like them to be gummed, or at least that they should be obtained gummed or ungummed, as the user wishes. The Board of Inland Revenue gave Mr. Duplock an emphatic "No" in May; then, on June 14, they told Mr. Duplock that "gum is not a suitable adhesive medium from the point of view of the Revenue, and that medicine-stamps cannot in any circumstances be supplied gummed." That statement Mr. Duplock challenged, and he said, substantially, that gum is all right except for metal surfaces, and he now suggested that users of the stamps "should have a choice according to their requirements." To this the Board replied on June 24:

The Board . . . decline to issue medicine-stamps ready gummed, because they are of opinion that gum is not a suitable adhesive agent. It is, however, open to the trader to use gum or any other adhesive agent he may think fit, but the responsibility rests with him if the stamp becomes detached from a package and the medicine is sold unstamped.

We do not think that many retailers share Mr. Duplock's view that gummed stamps, as well as ungummed, should be available, and by "gummed" we mean coated with the composition used on postage-stamps. If there are any, we should be glad to hear from them. The principal users of medicine-stamps prefer them ungummed. We have asked half-a-dozen of them, and append their replies:

We consider that ungummed medicine-stamps are preferable to gummed ones for large users. Gummed ones would be useful to people who only had to stick on one or two at odd times, but for labelling a number of articles there is no doubt that ungummed ones are better.—*Barclay & Sons, Ltd.*

It would not suit my purpose to have the medicine-stamps gummed.—*Thomas Becciam.*

We prefer the medicine-stamps to be ungummed, but doubtless it would suit many to have them gummed. We see no reason why both styles should not be adopted, the purchaser stating his requirements when ordering supply.—*J. T. Davenport, Ltd.*

With reference to your letter of July 12, as far as I am concerned the present method of supplying patent-medicine stamps ungummed suits me best.—*Thomas Holloway.*

We think it much better that the medicine-stamps should be supplied ungummed as hitherto, as we find this much more convenient for affixing them to the various packages, especially the smaller ones.—*Francis Newbery & Sons, Ltd.*

In our opinion [writes another firm] it is not necessary to have the medicine-stamps gummed, for the simple reason that moisture has to be applied, and whether moisture takes the form of water or paste is really immaterial. We prefer the stamps ungummed. The cost of the paste is trifling.

Mr. Duplock is anxious to get support for his suggestion. In our experience a good way to bring out the supporters of a proposed reform is to adduce reasons against it. There they are. Now we wait for the supporters, who in writing will be good enough to state approximately the number of stamps they buy annually.

### The New German Taxation.

GERMAN financial reform is now an accomplished fact, and the householder is engaged in calculating the exact amount that he will have to contribute towards keeping the Empire going. The only part which directly concerns us is the new regulations affecting alcohol. The "Spiritus Centrale" has already raised the sale price of pure alcohol by 10s. per 100 litres, as notified in the *C. & D.* a fortnight ago. The Imperial consumption tax to be levied on a litre of alcohol will now amount to 1.05m. (1s. 0 $\frac{3}{4}$ d.) and 1.25m. (1s. 3d.) respectively. Alcohol produced for export, or used for technical and household purposes, will be exempt from this tax. The Bundesrat will also be empowered to remit the amount on alcohol destroyed or rendered unfit for use in consequence of unforeseen accidents over which the holder has no control—this also applying to alcohol used in hospitals and in public scientific institutes. Alcohol in hand on October 1 of this year, when the law enters into force, will have to pay a surtax of 0.35 pfennig (4 $\frac{1}{4}$ d.) per litre—this also applying to all alcohol or alcoholic preparations at that time in possession of traders, unless it can be proved that it has already paid the new Customs tariff. Traders are allowed 20 litres free of extra duty, and "other" householders 10 litres.

The provisions regarding the denaturing of alcohol and consequent exemption from taxation have remained substantially the same, the only alteration being the provision that denatured alcohol intended for retail sale may only be put up and sold in sealed containers of fifty, twenty, ten, five, and one litres, with a label stating the content of alcohol. An Imperial consumption tax of 30 pfennig (3 $\frac{3}{4}$ d.) will be levied from the manufacturer for every kilo. of water-free acetic acid produced within the Empire from wood-vinegar or from acetic-acid salts. Acetic acid for export or for technical purposes is also exempt from taxation. To the exporter to Germany of preparations affected by the new charges, the changes in the Customs tariff are of special interest. These changes were already provisionally enforced on July 10, pending their definite establishment at no distant date. The changes affecting pharmaceutical and allied preparations are as follows:

For all kinds of alcohol, arrack, rum, brandy, mixtures of alcohol and ether, and solutions of ether in alcohol, imported in barrels, 275m. (13 $\frac{1}{2}$  15s.) per 100 kilos; if imported in other containers the tariff charge is 350m. (17 $\frac{1}{2}$  10s.) per 100 kilos. (The former rates were 8 $\frac{1}{2}$  and 12 $\frac{1}{2}$  respectively.) For toilet-preparations containing alcohol or ether, cosmetics, hair-dyes, hair, mouth, or tooth washes, essences, tinctures or extracts for perfumery and aromatic vinegars, 400m. (20 $\frac{1}{2}$ .) per 100 kilos; former tariff 15 $\frac{1}{2}$ .

These higher rates on alcohol and spirituous preparations will shortly be enforced, but the date has not yet been fixed. The precipitation with which the taxes on tea, coffee, etc., have been levied is best illustrated by the fact that, although some will be levied on August 1, the revenue authorities in the capital of one of the more important States were a few days ago still in ignorance of the measures to be adopted with regard to the collection of the surtax on the dutiable amount of stock in possession of householders. The situation is somewhat Gilbertian, and as everybody who could afford it has laid in large stocks of the new-taxed household necessities, a house-

to-house search would be necessary in order to protect the revenue; but probably a public announcement will be made.

### Spirit-tax Rebate.

The report of the Parliamentary Secretary of the Pharmaceutical Society, which was presented at Wednesday's Council-meeting, shows that there is no hope that a workable scheme of rebate can be devised which is at the same time fair to the chemist and not prejudicial to the Revenue. The conference which the Society's representatives had with the wholesalers had the effect of narrowing the scope of the proposed rebate—so much so that the quantity of spirituous medicines which could be safely subject to rebate was found to be so small as not to warrant pressing the matter forward. Those who know Mr. Glyn-Jones are aware that if any workable scheme could have been devised he would have lost no opportunity in submitting it to the Chancellor of the Exchequer. A partial set-off to this disappointment is that a method of meeting the objections of the holders of wine-licences will probably be devised so that the proposed new licence-duties will be in proportion to the amount of sales.

### The Federation Funeral.

The officials of the Federation of Local Pharmaceutical Associations at the annual meeting in Newcastle last Friday protested against the *C. & D.* suggestion that the Federation was to be buried. "It is only amalgamation that is contemplated," said some of the speakers, while others confessed that the object of the deputation to the Executive of the British Pharmaceutical Conference will be to urge that body to found a trade section. These are not much unlike funeral arrangements, but as the officers have obtained another year's lease of life it seems as though the exit may be delayed. If the British Pharmaceutical Conference does not look kindly on the suggestion to form a commercial section—there are serious financial difficulties about the proposal—the Federation must devise a working scheme which will show that some useful purpose is to be fulfilled or cease to exist.

### Protection for Chemicals.

The London "Daily Express," on June 22, published an article which professed to show that with a 10 per-cent. import-duty on chemical products employment would be given to 4,036 more persons, to whom 6.536% would be paid in wages weekly. This article we noted at the time. It now appears that Mr. J. C. Umney, Chairman of the Chemical Section of the London Chamber of Commerce, wrote the next day pointing out that the replies in favour of a protective import-duty were but a comparatively insignificant proportion of the firms addressed, and that as regards the aniline-dye industry the pre-eminence of Germany is due, not to the absence of protection in this country, but to the advantages afforded to Germany by the non-imposition of duties which could have been collected under the powers given under the Customs Consolidated Act of 1874. These powers are in regard to the levying of duty on chemicals in the preparation of which alcohol is employed. Mr. Umney's letter was not published till July 29, and then the reference to the untrustworthiness of the conclusions was eliminated.

### Pharmacists' Parliamentary Representation.

We have received from Mr. W. J. Uglow Woolcock, Secretary of the Pharmacists' Representation Committee, a list of contributors to it to date, which, we regret to notice, clearly indicates lack of general interest in the

purposes of the committee, as may be judged by the following statements of the towns—the figures representing the number of pharmacists in each town who have contributed to the fund: Aberdeen (2), Alcester (1), Ashford (1), Ayr (1), Birmingham (1), Blackpool (1), Bradford (1), Brighton (1), Bristol (1), Cardiff (1), Coventry (1), Cambridge (1), Canterbury (1), Dover (1), Exeter (1), Gillingham (1), Glasgow (1), Gravesend (1), Harrow (1), Heckmondwike (1), Hornsea (1), Huddersfield (1), Hull (1), Kirkcaldy (1), Lancaster (1), Leamington (1), Liverpool (1), London, N. (9), London, E. (7), London, W. (17), Maidstone (1), Nottingham (1), Oldham (1), Oxford (2), Peterhead (1), Plymouth (2), Sheffield (4), Shrewsbury (1), Sidcup (1), S. Africa (1), Southport (2), Strood (1), Sunderland (2), Torrington (1), Utttoxeter (3), Walsall (1), Warrington (1), Wath-on-Dearne (1), Weston-super-Mare (1), Weybridge (1). We observe that the majority of the contributors are persons who hold, or have held, official positions in connection with the Pharmaceutical Society. A proposition of so national a character as that pharmacists should be represented in Parliament by one of themselves should require little "whipping up" if it is desired or required by pharmacists. It is, however, apparent that the trade is slow to appreciate what is wanted, and something drastic must happen soon if the proposition is to make headway commensurate with its importance.

### Sudan Produce.

The rather belated report on the first year's work of the Sudan Central Economic Board, which was reviewed in our issue of June 5, has been followed almost immediately by the report for 1908. A good deal of attention is still being given to acacia gum, and during the year cultivation experiments were started, the plan found most successful being to dibble in seed in selected areas and then keep these clear of grass. Natural regeneration is also being considered, and for this purpose areas of acacia forest may be reserved, and tapping prohibited for a certain number of years. The gum-cleaning machine which was purchased by the Government and installed at Omdurman seems not to have met with much success; the cause of this is not stated—possibly the conservatism of the gum exporters has something to do with it. It appears that of the gum exported from the Sudan 89 per cent. is of the "hashab" sort, 10.86 per cent. "talh" gum, and 0.05 per cent. ghezira. Attempts are being made to stimulate the demand for the cheap "talh" gum. The relative percentage production in the various provinces is as follows: Kordofan 81, Sennar 8, Kassala 5, White Nile 4, and Upper Nile 2. Samples of "tartar gum" from *Sterculia cinerea*, which resembles tragacanth, have been valued at 30% to 40% per ton for good qualities, and at 10% per ton for inferior woody sorts. Systematic efforts are also being made to stimulate the production of sesame-seed, and experiments in the cultivation of Java and Indian varieties of castor-seed are being carried on. The dry dates produced in the Sudan only find a market in Egypt, and the question of growing a high-class soft date suitable for export to Europe is being considered. The total oversea trade in 1908 amounted to £1,597,308%. In this exports of "gum" accounted for £175,269%, senna leaves and pods for £12,483%, and oilseeds (mostly cotton and sesame) for £35,034%.

UNIQUE?—A Lenzburg apothecary inserted the following announcement in a German pharmaceutical paper: "What qualified assistant can conscientiously assert that he is as anxious to fulfil his duties as to insist on his rights? Should such a unique specimen exist, he will find a pleasant post vacant in the autumn."



# Pharmaceutical Society of Great Britain.

## COUNCIL-MEETING.

A MEETING of the Council of the Pharmaceutical Society of Great Britain was held at 16 Bloomsbury Square, London, W.C., on August 4. Regret was expressed at the death of Dr. Vogl and Mr. G. E. Perry, and it was decided to forward to the widow of the latter a letter of condolence. Mr. Hampshire and Mr. Morrell were appointed demonstrators in chemistry, and Mr. Harvey was appointed demonstrator in pharmaceuticals in the School of Pharmacy. The Parliamentary Secretary, reporting upon the negotiations that had taken place between himself and the Commissioners of Inland Revenue regarding the suggested rebate on the increased spirit-duty, stated that at a conference between members of the Council and representative manufacturers, held on June 23, it was decided that, in the circumstances mentioned, it was scarcely justifiable to ask the Chancellor of the Exchequer to take any further action in the matter. Mr. Hagon suggested that the compilers of local directories should be asked not to put the names of unqualified persons under the heading "Chemists and Druggists." The Parliamentary and General Purposes Committee negatived the proposal to force upon the Government the promises made during the passing of the Poisons and Pharmacy Act. To this Mr. Gifford entered a mildly expressed protest. The same report contained a statement by the President regarding a deputation from the Public Pharmacists and Dispensers' Association with reference to the admission of apothecaries' assistants to the Pharmaceutical Register.

THERE were present at the meeting: The President (Mr. J. F. Harrington), the Vice-President (Mr. W. L. Currie), the Treasurer (Mr. Walter Hills), and Messrs. C. B. Allen, A. S. Campkin, W. G. Cross, J. H. Cuff, F. J. Gibson, W. H. Gibson, R. L. Gifford, A. Hagon, A. E. Hobbs, G. T. W. Newsholme, C. J. Park, P. F. Rowsell, E. White, and J. R. Young.

### ACKNOWLEDGMENTS.

The minutes of the previous meeting having been read and confirmed, the Secretary read letters from the following gentlemen expressing their appreciation of the congratulations conveyed to them by the Council on the honours recently conferred upon them by his Majesty: Sir Almeric W. FitzRoy (Clerk to the Privy Council), Sir Dyce Duckworth (Treasurer of the Royal College of Surgeons), Sir Henry Morris, Bart., and Sir T. E. Thorpe. Mr. P. W. Squire also wrote expressing his appreciation of the kind sentiments expressed at the last meeting of the Council in reference to himself and his father.

### DEATHS.

The PRESIDENT said that since the previous meeting the members had received with deep regret the announcement of the death of Dr. August Vogl, who was an Hon. Member of the Society, and who was awarded the Hanbury Gold Medal in 1895. They had also lost by death Mr. George Edward Perry (Birmingham), a Divisional Secretary. He moved that regret at the loss of the two gentlemen be duly recorded.

Mr. GIBSON (Wolverhampton) seconded. He described Mr. Perry as a man of scientific conviction. In all matters pharmaceutical he was always to the front. He would be a great loss to the Society, and especially in the Midlands.

Mr. CROSS said Mr. Perry was an enthusiastic supporter of every good movement which enlisted his sympathy. No one who attended a Midland meeting could fail to be impressed with his geniality and complete *bonhomie*. Their sympathy at that time would go out to his widow, who always took a great interest in the work of the Pharma-

ceutical Society, and was ever zealous in her efforts to enlist support for the Benevolent Fund.

It was unanimously agreed to send a letter of condolence to Mrs. Perry.

### DEUTSCHER APOTHEKER VEREIN.

The PRESIDENT intimated that he had received an invitation to attend the Conference of the Pharmaceutical Society of Germany. He regretted, however, that he would be unable to accept this.

### ELECTIONS AND RESTORATIONS.

Sixty new members and fifty-seven student associates were elected, and forty persons were restored to their former status in the Society.

### FINANCE.

Mr. W. H. GIBSON (Chairman of the Finance Committee) moved the adoption of the report, which showed the following:

Receipts.		
Penalties and costs	...	£75 14 0
Subscriptions	...	62 9 6
"Pharmaceutical Journal" and publications	...	349 16 7
Restoration-fees	...	7 7 0
Registration-fees	...	21 4 0
Ground-rents	...	83 19 4
		<hr/> 600 10 5

With the balance carried forward from last month, a sum of 3,683/ 9s. was available from which to pay the following amounts, which the committee recommended for payment:

On behalf of the "Journal" and Publications	...	£647 6 3
Stationery, etc.	...	48 3 2
Current expenses for August and September	...	650 0 0
Salaries, etc., for August and September	...	1,105 16 8
School and examinations	...	316 0 1
Law charges	...	175 4 6
House	...	195 4 8
Library	...	9 6 4
		<hr/> 3,147 1 8

The following balances were shown on the Benevolent Fund:

Current account	...	£638 0 5
(Recommended for payment 2/ 15s. 8d.)		
Donation account	...	22 15 1
Orphan Fund	...	10 17 0

The report was adopted.

### BENEVOLENT FUND.

The Secretary submitted the report of the Benevolent Fund Committee, which was considered in private. After which

Mr. CAMPKIN, in moving the adoption of the report, said that nine applications for assistance were dealt with. Seven of these the committee were able to relieve. The grants amounted to 97/.

The report was adopted.

### LIBRARY, MUSEUM, AND HOUSE COMMITTEE.

The report of the Library, Museum, School, and House Committee stated that Professor Crossley had reported that the spiral staircase from the laboratory, which was now being refitted, was too small to be serviceable. The Chairman of the committee (Mr. White) was authorised to deal with the difficulty. The School Prospectus was approved, and 500 copies ordered to be printed. The School Staff Committee recommended that Mr. Jeffery's salary be raised from 120/ to 150/., as he has now much more work than when he was first appointed. The Director of Chemical Research reported that only one application for the Salter's Research Fellowship had been received, namely, from Mr. Gilling, the present holder of the scholarship, and the committee recommended Mr. Gilling for nomination by the Council.

Messrs. Parkinson & Son's accounts, amounting to 98l. 8s. for work done during the past month, were approved. A letter from Mr. Thomas Parker, F.R.S.E. (remitted to the committee by the Council), on a scientific system of weights and measures, was considered, and the Secretary was instructed to inform Mr. Parker that further consideration of the subject would be given after he had carried out his expressed intention of sending specimens of the weights to the Society. A letter from the Deutscher Apotheker Vereins (remitted to the committee by the Council) was considered, and the Secretary was instructed to reply that the Society had not yet received an invitation to take part in next year's International Pharmaceutical Congress at Brussels, and that the question of being represented there had not therefore arisen.

Mr. WHITE, in moving the adoption of the report, remarked that as originally designed the spiral staircase from the laboratory was found to be too narrow to allow the students to go up or down with anything in their arms. Acting on the authority given him, he gave instructions for an increase in the size. With reference to Mr. Parker's letter, the weights had now arrived, and would be considered in due course.

The report was agreed to.

#### APPOINTMENT OF DEMONSTRATORS.

Mr. Hampshire and Mr. Morrell were appointed demonstrators in chemistry, and Mr. Harvey demonstrator in pharmaceuticals in the School of Pharmacy.

#### THE SPIRIT-DUTY.

The PRESIDENT suggested that at that point the report relative to the spirit-duty might be taken.

The SECRETARY read the report as follows:

The Parliamentary Secretary reported that, acting upon the instructions he had received from the Council, he had approached the Chancellor of the Exchequer with reference to the possibility of the rebate being allowed on the increased duty on spirit in regard to the spirituous preparations employed for and in the compounding of medicines. He had submitted proposals to the Chancellor embodying what was considered to be a practical means of dealing with the matter. The Chancellor of the Exchequer had received such proposals very sympathetically, and had so far been impressed with the views laid before him as to request the Commissioners of Inland Revenue to confer with the Parliamentary Secretary on the subject and report upon the practicability of the scheme. Mr. Glyn-Jones had accordingly had several interviews with the Commissioners, and had explained in detail the claims of the pharmaceutical chemist and chemist and druggist to relief from the additional burden. The Commissioners having expressed a desire to know the views of manufacturing chemists and those engaged in the wholesale distribution of medicines, as well as the views of those engaged in dispensing and retailing, a conference as arranged was held at the Society's house on June 23 between representative manufacturers and five members of the Council of the Pharmaceutical Society. The manufacturers expressed strong doubt about whether it was possible to obtain the rebate on

- (a) Medicines which are potable, a class including many of the tinctures in large demand, and
- (b) Preparations which, although not potable, were such that the alcohol could be easily recoverable.

It was obvious that if these two classes were excluded, as they would have to be by the Clause, the volume of trade in the remaining spirituous medicines would not make it worth while to take steps to set up machinery for obtaining the rebate. The representatives of the Society were unable to offer definite evidence of anything like a universal agitation on the part of their members for a reduction in the duty, and they were impressed by the statement as to the relatively small amount of trade in the articles which could definitely be regarded as non-potable, and as not offering the temptation to recover the alcohol from which they were made. The result of this conference had been reported to the Council of the Society, which had decided that, in the circumstances, it was scarcely justifiable to ask the Chancellor to take any further action in the matter.

Mr. YOUNG: Members of the Society will at least see that the matter has not been neglected.

#### REPORT OF EXAMINATIONS.

The SECRETARY submitted a report on the July examinations which showed that in London eighteen Major candidates were examined and that eight passed. In Scotland out of six Major candidates four passed. For the Minor

examination in London there were 215 candidates, and only 84 passed, while in Scotland out of 89 candidates 32 passed.

Twelve pharmaceutical chemists were granted diplomas sealed with the seal of the Society.

#### CHEMISTS AND LOCAL DIRECTORIES.

Mr. HAGON brought to the notice of the Council the classification adopted in local directories. He had been surprised to find under the heading "Chemists and Druggists" the names of persons who had no right and no claim to be so designated. He was informed that these names had crept into the list in error. It occurred to him that it would be a wise thing at this time of the year, when most local directories are being rectified, if chemists throughout the country looked up their local directories and saw that the names were put right. If the local secretaries in the first place took note of the anomaly they could easily approach the publishers, who were very willing at all times to put matters right.

Mr. YOUNG said that local directories are never accurate.

#### APOTHECARIES' ASSISTANTS' CERTIFICATES.

The SECRETARY submitted the report of the Parliamentary and General Purposes Committee. This stated that the committee received a deputation from the Association of Women Pharmacists, consisting of Miss Buchanan (the President), Miss Wardle (Secretary), and Miss Falconer, directing attention to an alteration during recent years of the wording of the assistant's certificate of the Society of Apothecaries granted under the Apothecaries Act of 1815. The committee referred the matter to the Law Committee for consideration.

#### POISON LICENCES.

The committee considered remits from the Council relative to the action of certain local authorities in the interpretation of Section 2 of the Poisons and Pharmacy Act. The opinion of counsel on the questions arising out of the section was read. A long discussion ensued. It was moved "That steps be taken to force upon the Government its promises made during the passing of the Poisons and Pharmacy Act." On being put to the committee the proposal was lost by a large majority.

#### LIBELLING PHARMACISTS.

The committee further considered the resolution of the Anglesey Association in reference to public utterances calculated to injure the status of pharmacists. A further letter from the President of the Association having been read, the question was deferred until October.

#### APOTHECARIES' ASSISTANTS.

The PRESIDENT reported that he had received a letter from the Public Pharmacists' and Dispensers' Association with reference to admitting apothecaries' assistants to the pharmaceutical register. The letter asked if the Council of the Pharmaceutical Society or its committee dealing with the matter would receive a small deputation on the matter. There being no opportunity of consulting members of the Council before August 4, the President felt it might facilitate the object the Association had in view if he offered to see delegates from the Association, and became the medium for conveying their views to the Council. The Association accepted the offer, and he received a deputation consisting of Mr. Leadbeater (the Secretary) and Mr. W. E. Park (Vice-President) on July 28. The delegates stated that the Association was unanimous in urging the Council of the Society not to admit as chemists and druggists, without examination, either Army compounders or apothecaries' assistants. The main grounds for this attitude were: (a) an insufficient and inefficient practical training of candidates prior to examination; (b) the absence of a test of preliminary education; (c) the inadequacy of the examination as a test of fitness to conduct the business of a chemist and druggist. The delegates further urged that the interests of the sick in public hospitals and institutions called for the highest degree of efficiency in the dispensaries of such places, and that the qualification prescribed by the Pharmacy Act was the minimum requirement that could be adopted with safety.

Mr. GIFFORD, referring to the resolution respecting the interpretation by local authorities of Section 2 of the Poisons and Pharmacy Act, which the previous evening was lost by



a large majority, said he did not think it was desirable in the interests of the Society to move that the matter be referred back in order to get a discussion upon it. At the same time he asked to be permitted to express regret that the Council could not be induced to take the right and necessary course of asking and pressing on the Government the fulfilment of its own assurances and obligations. If it did so he would be satisfied. Two months would elapse before they met again, and in the interval no opportunity would offer itself of dealing with the subject. The possibility of taking the action he suggested would then have disappeared.

The report was adopted.

#### CORRESPONDENCE.

The SECRETARY intimated that he had received a letter from the Society of the White Cross of Geneva inviting the Council to appoint delegates to attend the Food Congress at Paris in October. With the letter came a pamphlet enumerating the various questions to be discussed. After looking through this he thought that the invitation had been extended to the Council under a misapprehension.

A letter was also read from the National Union of Assistant Pharmacists, forwarding a memorial respecting the communication sent to the Council in June by the Society of Apothecaries on the subject of the admission of persons to the Register of Chemists and Druggists by virtue of their holding the assistant's certificate of the Society of Apothecaries. It was agreed to refer this to the Parliamentary and General Purposes Committee.

The SECRETARY also intimated receipt from the Colonial Office of the report of the Colonial Pharmacy Board of the Cape of Good Hope in respect of the year ending December 31, 1908.

Mr. Frederick John Nash was appointed Divisional Secretary for Montgomery Boroughs.

This ended the public business.

### Personalities.

MISS IVY E. WOODWARD, M.D., is the first lady admitted to the membership of the Royal College of Physicians.

MR. G. S. DURRANT, chemist and druggist, 1 Old Cross, Hertford, has been elected to the committee of the local Traders' Association.

MR. A. R. SMITH, M.Sc., A.I.C., pharmaceutical chemist, has been appointed a lecturer and demonstrator of chemistry at the Sir John Cass Technical Institute.

MISS CONSTANCE ELSIE NEALE, daughter of Mr. M. H. Neale, pharmacist, Plymouth, has passed the Matriculation examination of the University of London.

MR. THOMAS SIMPSON, chairman of Messrs. Wilkinson & Simpson, Ltd., Newcastle-on-Tyne, was incorrectly referred to in this column last week as Mr. William Simpson.

MR. F. W. ASHTON, Croydon, represented the Croydon Pharmacists' Association at the Newcastle meeting of the British Pharmaceutical Conference last week. His name was omitted from the list on page 231.

In the first photograph of the group of ladies at the British Pharmaceutical Conference, on p. 218 of our last issue, the names of Mrs. Foggan and Mrs. Russell were transposed, Mrs. Foggan being the first from the left in the back row.

MR. REGINALD FURNESS, son of Mr. Walter Furness, pharmacist, Accrington, has terminated a successful five years of study at the Accrington Technical School by winning a County Council three years' scholarship of 60*l.* per annum. Mr. Furness came second on the list out of ninety-four competitors.

MR. P. WARNFORD-DAVIS, chairman of Parke's Drug stores, Ltd., sailed on August 6 from Marseilles by the s.s. *Mooltan* for Australia. He is to act as delegate from the London Chamber of Commerce in connection with the Congress of the Chambers of Commerce of the Empire, which is meeting in September in Sydney, N.S.W. Mr. Warnford-Davis intends visiting Melbourne, Adelaide, Tasmania, and New Zealand, and will come home through British Columbia and Canada.

THE HON. FRANCIS WATTS, C.M.G., D.Sc., who succeeded Sir Daniel Morris as Imperial Commissioner for Agriculture in the West Indies, is now in London. He will have an opportunity during his visit of exchanging views on many important subjects with his predecessor. Few men are better known in connection with the West Indies than Dr. Watts, whose name still appears on the register of chemists and druggists. Dr. Watts has spent nearly twenty years in the West Indies in the Imperial service.

SIR WILLIAM WHITLA, who has been elected President of the British Medical Association, is a Licentiate of the Pharmaceutical Society of Ireland, having qualified as such in 1879. His brother, Dr. Meredith R. Whitla, Monaghan, is a member of the Council of the Pharmaceutical Society of Ireland, and both gentlemen take a keen interest in pharmaceutical affairs. Sir William, who is one of the best-known citizens of Belfast, was born in Monaghan in 1851 and was educated at Queen's College, Belfast. He qualified as M.D. in the old Queen's University, securing a gold medal and being specially commended. In addition he is L.R.C.P. & S. (Edin.), and M.A. (R.U.I.) and LL.D. (Glas.), these degrees having been granted *honoris causa*. For many years past he has filled the Chair of Materia Medica and Therapeutics in the Queen's College. Sir William is widely known as an author, and some of his works are recognised as classics in medical circles, among them being his "Manual on Materia Medica," which has passed through eight editions. He is a Justice of the Peace for Belfast and was knighted in 1902.



[Photo. Cleworth, Manchester.

MR. F. RANSOM (HITCHIN), THE NEW PRESIDENT OF THE BRITISH PHARMACEUTICAL CONFERENCE, AND MRS. RANSOM.

(Taken at Herham Railway Station, July 29.)

### Gazette.

#### Partnerships Dissolved.

DARLINGTON, H. E., and WALSH, F. N., physicians, etc., Handsworth, Staffs.

ELLIS, E. T., and MAPLETON, M., health specialists, Leeds, under the style of the Leeds Health Association.

MACDONALD, P., and MACDONALD, S. J., artificial-teeth manufacturers, Manchester, Warrington, and Oldham, under the style of the Painless and Economic Teeth Association.

SIMPSON, C. S., and MARTIN, G. D., veterinary surgeons, Redhill, under the style of Martin & Simpson.

#### The Bankruptcy Acts, 1883 and 1890.

##### ADJUDICATION.

BEAUMONT, JOHN WILLIAM, Barnsley, Yorks, Herbalist.

## Agri-Horticultural Poisons.

### Notices of Application

for licences under Section 2 of the Poisons and Pharmacy Act have been lodged with the local authorities named.

Subscribers and others would oblige us by sending information with reference to applications. Copies of newspapers containing the advertisements of applicants would also be esteemed.

**ABERDEENSHIRE.**—Alex. Henderson, merchant, Inverdon, Glenkindie.

**BRADFORD.**—E. Wright & Co., Ltd., seed merchants, 55-57 Brook Street.

**BROMLEY.**—W. Howard (Howard's Stores, Ltd.), grocers, 41c, High Street.

**CHIPPENHAM.**—John Wm. Richardson, nurseryman, The Bridge and London Road Nurseries.

**GLAMORGAN.**—Jas. Harris, nurseryman, Blackpill.

**GODSTONE.**—R. W. Heyward, ironmonger, Alban House.

**LONDON.**—Barr & Sons, seedsmen, King Street, Covent Garden, W.C.

**NORTHUMBERLAND.**—Matthew Graham, grocer, Rochester, near Otterburn, and Ridsdale, West Woodburn.

**ROCHAMPTON.**—A. J. Castle, oilman, etc., 26 High Street.

**SHEFFIELD.**—Andrew Smith, Longwill, Cunningsburgh, Daniel Sinclair (D. Sinclair & Co.), Greenside, North Yell.—general merchants.

**WARWICK.**—Alex. R. Wylie, ironmonger, etc., Corn Market.

**YORK.**—Septimus Kirby, seed-merchant, 13 Peasegate.

**YORKSHIRE.**—Wm. Kerhaw, The Nurseries, Saltaire.

### Consideration of Applications.

**ABERDEEN.**—The Public Health Committee of the Town Council, after re-considering the applications remitted to them (*C. & D.*, July 10), agreed on July 29 to recommend the Council to issue licences to the applicants.

**ABERDEENSHIRE.**—The General Purposes Committee of the County Council resumed consideration of forty-two applications from general merchants on July 30.—Mr. A. Blacklaw, solicitor, who opposed all applications, except one, on behalf of the local chemists, pointed out that one applicant was not resident at the premises specified, and another was simply an employee. Chemists were in business within a very few miles of every one of the places whence the applications came. At all leading auction-marts farmers could get agricultural poisons from qualified persons without any inconvenience. No evidence had been submitted that farmers hitherto had had difficulty in getting supplies of poisonous preparations.—Mr. C. McConbie, advocate, and Messrs. R. P. Stott and J. Johnston, solicitors, having spoken in support of the applicants, Mr. R. H. M. Sellar moved that all the applications be granted. If during the ensuing year any of the premises was not properly adapted to the sale of poisons, the matter could be re-considered before granting a renewal.—Mr. Wm. Westland, who moved an amendment to refuse the applications, said unless each application was considered individually the committee would be granting them indiscriminately, and not in accord with the intention or wording of the Act.—Several subsequent speakers thought some discrimination ought to be exerted, but no one seconded the amendment, and Mr. Sellar's motion was carried.

**HOLLAND (LINCOLN).**—The County Council had before them last week the Recommendation of the Boundaries and General Purposes Committee that the executive powers under the Poisons and Pharmacy Act, 1908, be delegated to the committee.—An amendment to expunge a portion of the minutes, so that the committee would report to the Council, was adopted.

**LANCASHIRE.**—The committee appointed to deal with applications recommended that four applicants (three seedsmen and a general merchant) be licensed. Five applications are recommended for refusal on the ground that ample facilities already exist in the districts.

**NEWARK-ON-TRENT.**—The Town Council on July 26 referred back an application by Mr. S. Glazebrook, florist and seedsman, 13 Stodman Street, to the Petroleum Committee for the committee to consider a further letter from the applicant. The committee had recommended that the application be refused.

### Applications Granted.

**BERKSHIRE.**—Sale & Son, Wokingham, and Walter Tucker, Faringdon—both nurserymen; Harris & Matthews, Abingdon, and Walter Chas. Hunt, Wallingford—seedmen.—The County Council, after a long discussion, negatived the General Purposes Committee's recommendation for refusal (*C. & D.*, July 31) and granted all the applications.

**BERWICK.**—The Town Council on August 3 granted applications by Mr. A. Martin, merchant, and Jas. T. Robson, iron-

monger, by a large majority. Alderman Brown protested against granting the applications in the manner of doing a friend a good turn.

**EASTBOURNE.**—The Town Council were to receive on August 4 a deputation from the local Chemists' Association in opposition to several applications from nurserymen, but when the time arrived for Councillor O'Brien Harding to introduce the deputation only one of the six members (Mr. Marchant) was in the Council-chamber.—A suggestion that the applicants' deputation be taken first was objected to, and Alderman Towner asked if it was necessary to hear any deputation that day.—Eventually three of the chemists were introduced to the Council. Mr. Marchant, who acted as spokesman, stated the keynote of the Acts regulating the sale of poisons had been the safety of the public. He gave statistics regarding the fatalities from carbolic-acid poisoning to show the beneficial control exerted by chemists over its sale. The pharmacist was trained to regard the sale of poison with disfavour, and frequently lost immediate profit on this account. The public needs were amply met in Eastbourne.—Mr. F. C. D. Vice, solicitor for the applicants, contended that the local needs could not be possibly met by the chemists, who could not advise as to the use of the compounds. All known safeguards would surround the sale of poisons by licensees. The Council, after a brief discussion, granted the applications, only three supporters being found for an opposing amendment.

**GLOUCESTER.**—J. C. Wheeler & Son, Ltd., 99 Northgate Street, and G. Winfield & Son, 154 Westgate Street—nurserymen.—The General Purposes Committee recommended the grant of the applications, but a motion was put that the matter be referred back in order to give the local chemists an opportunity of stating their case.—The Town Clerk mentioned that objections had been lodged by Mr. Minchin on behalf of the local Chemists' Association, and also by an individual chemist.—The motion was defeated and the applications granted.—During the discussion the Town Clerk ruled that Mr. Ward, chemist, could not take part in the discussion.

**KIRKWALL.**—The applications of Messrs. J. Scott, T. Flett (Jas. Flett & Sons), C. W. Tait (J. & W. Tait), P. C. Flett, and Chas. MacGregor, all ironmongers and seedsmen, came before the Town Council at the monthly meeting on July 21.—Messrs. T. P. and J. L. Low, solicitors, Kirkwall, wrote on behalf of Mr. David M. Wright, chemist and druggist, Albert Street, objecting to the applications. It was contended that the objector and Mr. D. Stewart, chemist, amply met the existing demands. It was stated that Mr. Wright kept a full stock of the poisonous substances referred to, and no complaint had ever been made by the public of Kirkwall as to lack facilities for obtaining them. Regulation 13 must also debar the applicants, who all deal in foodstuffs, while Mr. J. Scott also sells excisable liquids, and Jas. Flett & Sons are bakers who have a large van trade throughout Orkney.—Mr. T. Peace Low represented the objector before the Council, and supplemented the above statements.—Mr. J. Flett said the bulk of the dips used were non-poisonous, but some—one in particular for which his firm were agents—were poisonous. A licence was necessary to enable them to carry on the duties of the past thirty years. Poisonous preparations could not be sold from vans, but only in the licensed shop. Applicant, and also Mr. P. C. Flett, pointed out that of the four chemists in Orkney only one objected to the applications. The former said that Mr. Stewart had said it was not worth his while to object.—Mr. MacGregor characterised "the talk of danger as a myth."—Eventually it was remitted to the Magistrates to inspect the premises and report thereon. At a special meeting on July 27 the Magistrates reported that the premises were satisfactory, and the applications were granted unanimously.

**LOUGHBOROUGH.**—T. Beeby, ironmonger and seedsman, 40 Market Place.

**NORTHAMPTON.**—The Town Council on August 2 adopted the Watch Committee's recommendation to grant two applications (*C. & D.*, July 31).—Mr. E. C. Ashford, chemist and druggist, 32 Gold Street, sent a letter of protest pointing out that one of the applicants was in business within twenty yards of petitioner's establishments, at which the specified poisons had been sold for many years.

**SHREWSBURY.**—Wm. Pritchard & Sons, Shoplatch; Jones & Sons, Coton Hill, Shoplatch; E. Marrell, High Street—all nurserymen.—The Finance Committee reported in favour of the applicants.—Mr. Bowdler opposed the recommendation on the ground that ample facilities for the sale of poisons already existed, while Dr. Pigott thought no tradesman other than a chemist "ought to interfere with poisonous substances."—The committee's recommendation to grant the applications, but restricting the licence to the sale of horticultural preparations, was confirmed.

**STAFFORD.**—The Town Council on July 30 adopted the recommendation of the General Purposes Committee that a licence be issued to Mr. Jas. Daly, seedsman, Newport Road, from August 4 to December 31.



**TORQUAY.**—The recommendation of the General Purposes Committee to grant the applications of two nurserymen came before the Town Council on August 3. The committee reported hearing a deputation of chemists (*C. & D.*, July 24) and receiving a letter of protest from the Timothy White Co., Ltd.—On Mr. J. Young, chemist and druggist, rising to speak, the Mayor ruled him out of order as an interested person. Mr. Young then left the Council-chamber as a protest.—Councillor Sinerdon agreed with the Mayor's ruling and supported the committee's recommendation, remarking that it was easily understandable that chemists should "desire to retain a monopoly."—Councillor Glanfield opposed the issue of licences on principle. Ordinary traders should not be entrusted with the sale of poisonous substances where recognised professional men were available. There was a chemist's establishment within fifty yards of either of the applicants. The committee's recommendation was adopted by eleven votes to seven. Only half of the thirty-six members of Council voted.

#### Applications Refused.

**CAMBRIDGESHIRE.**—J. Todd, Cottenham.—The County Council adopted the General Purposes Committee's view that "the reasonable requirements of the public were already satisfied in that village."

**RET福德.**—The Town Council on July 30 refused the application of Mr. C. R. Clark, nurseryman, by ten votes to eight.—The local chemists memorialised the Council.

**SUSSEX.**—The East Sussex County Council on July 27 decided to inform Mr. A. Waters, general warehouseman, Robertsbridge, that the Council were not satisfied that convenient arrangements could be made for the sale of the poisons, and accordingly could not grant the application.

#### Interesting Items.

The Cardiff Health Committee have agreed that in the case of firm licences the licences should be made out for the senior partner of a firm.

A public apology by Dr. Robert Laurie, M.D., in the "Derby Daily Telegraph" of July 26 unreservedly withdrawing the imputation made by him in the Derby Town Council against Mr. J. M. Stewart, a local seedsman, to the effect that the latter had been prosecuted for selling poisons.

### Tocheritis.

[The President briefly acknowledged the vote of thanks. At this stage the ladies withdrew, and were conducted to the Royal Victoria Infirmary, close at hand, by the Ladies' Committee.—*C. & D.*, July 31, p. 212.]

O, insatiable Tocher, with thy fatal gift of speech,

Fluent, irrepressible, ever leaping on and on, undammed  
Over high and rocky problems that were much beyond the reach

Of our poor, bewildered nescience; with Philosophy  
bejammed

'Mid statistics of fell motives, and a retrospective glint,  
To the ages that were golden (coined in pharmaceutic  
mint);

Importuning us for data in a way to vex a saint:

Little wonder, little wonder, gentle dames were feeling  
faint.

With the Advent of the Licence and the Communistic Plot,  
All our nerves were sorely shattered, yet you fiercely  
led us on

To deep Economic Problems, caring not a single jot

For the brain-fag that obsessed us; we had crossed the  
Rubicon.

So you curved us facts and figures and we listened  
patient, dumb,

To your Alcoholic Duty and the Price of Drugs to Come,

And you swept us in a torrent all before you to a man;

But the ladies, gentle ladies, all were looking rather wan.

Heresies of Education passed before us in a maze,

And the B.P. weltered limply in your all-devouring grip,

Till our alkaloidal value melted into cloudy haze,

And we one and all contracted an unmitigated pip.

For we'd looked on Nature's Picture and we saw the  
brilliant end

Of a masterly oration all our lifetime to perpend.

But apparently the ladies paid for their devotion dear:

What a blessing the Victoria Infirmary was so near!

### Business Changes.

Properly authenticated business notices (not being advertisements) are inserted in this section free of charge if promptly communicated to the Editor.

MR. C. PHILIP, chemist and druggist, is opening a pharmacy in High Street, Herne Bay.

MR. E. D. FOSTER, Ph.C., is removing from 50 to 45 Bishopsgate Street Within, London, E.C.

MR. ARTHUR BAUN, chemist and druggist, has purchased the business of Mr. A. D. Watson, 184 Higher Hillgate, Stockport. Mr. Watson has left the town on account of ill-health.

### Bankruptcy Report.

*Re* GEORGE CULLWICK, lately trading at 171 Fulham Road, S.W., as the Imperial Drug-stores.—The public examination of this debtor was held on August 3, before Mr. Registrar Hope, at the London Bankruptcy Court, the accounts showing liabilities 189*l.* 5*s.*, and no assets whatever. In the course of his evidence the debtor stated that a previous failure was recorded against him in 1899, when trading as a chemist and wine and spirit merchant. The liabilities then amounted to 2,506*l.*, no dividend was paid, and his discharge was refused. In those proceedings he was described as George Hamar Jones Cullwick. The details given in the *C. & D.*, July 17, p. 77, were here repeated. The examination was concluded.

### Summer Outings.

#### Merry Burnley.

THE employes of Messrs. R. Parkinson & Sons, wholesale druggists, of Burnley, participated, with their wives and friends, in their annual outing on July 31, the place visited being Liverpool. The time was spent in visiting the docks and other places of interest in the city, and some went to New Brighton and Chester.

#### A Good Beginning.

THE first annual picnic of the employes of Messrs. Raimes, Clark & Co., Ltd., Edinburgh, took place on July 31 at Balerno. The company, numbering about sixty, left Edinburgh at 2.30 P.M., and on arriving at Balerno proceeded to carry out a programme of sports and games, including a football match, *Married v. Single*. Then tea was served in the Malleny Arms Hall, Dr. Coull being in the chair, and the prizes were handed to the successful competitors by Mrs. Coull. Thereafter dancing was entered upon, and kept up until 9.45, Mr. R. W. Smith presiding at the piano. The arrangements were made by Mr. G. G. Margach, to whom a vote of thanks was proposed by Dr. Coull, and enthusiastically responded to by the company. Edinburgh was reached at 10.40 P.M.

### Information Wanted.

Inquiries for the names and addresses of manufacturers, or other trade information, not traceable by reference to the advertisement-pages of "The Chemist and Druggist" and the "C. & D. Diary," or not filed in our private register, are inserted here free of charge. Postcard or other replies to any of the subjoined inquiries (addressed to the Editor "The Chemist and Druggist," 42 Cannon Street, London, E.C.) will be esteemed.

123/3. Present address of the Morez Optical Co.

123/51. What is "Vigar," and where obtainable?

124/55. Where can "Kellogg's Safe Fat-reducer" be obtained?

126/10. Manufacturers of "Thinough," or source of supply.

126/56. Where can Para-thyroid preparations be obtained?

126/65. Present address of the firm of "Faucore," dealers in saffron.

124/2. Manufacturers of "Pil Guesseppie" (Mistletoe), or where obtainable?

## Westminster Wisdom.

A Record of Parliamentary Progress.

### THE SALE OF MEDICINAL WINES.

We are informed that the propriety of asking the Chancellor of the Exchequer to receive a deputation of chemists for the purpose of urging that a special rebate should be granted in the case of spirits used in the manufacture of medicines is under the consideration of the Chemists' Defence Association and other bodies associated with the trade. The Pharmaceutical Society does not, we understand, desire to identify itself in the matter. At the interview which the London Liberal members of Parliament had with the Chancellor of the Exchequer on July 22, an attempt was made to raise the question, and on that occasion the idea of a deputation to the Chancellor on this specific question was mooted. In regard to the agreement which has been arrived at as to grocers' licences (*C. & D.*, July 24), we are informed that the arrangement which has been come to is one which is likely to meet with the satisfaction of all parties concerned. It is believed that the actual trade done will be the basis upon which the duty will in future be levied.

### APPRENTICESHIP TO COMPANIES.

As the outcome of the deputation of Irish chemist-companies which waited upon the Chief Secretary for Ireland at the House of Commons last month (*C. & D.*, July 10, pp. 45 to 48), a communication on the matter has been made to the Pharmaceutical Society of Ireland, and came up for consideration at the Council-meeting on Wednesday. The deputation, it may be remembered, laid before Mr. Birrell their views in regard to the apprenticeship question so far as it affected the case of chemist-companies. The Chief Secretary, while pointing out the difficulties of promoting legislation during the present Session it was altogether out of the question—said it was within the power of the Pharmaceutical Society, if they so choose, to get over the difficulty by an alteration of their existing rules. He suggested that it might be well, in order to get a definite statement from the Society one way or the other, to prepare a document, signed by representatives of the companies, formulating a request to the effect that, having regard to the fact that the companies are now on a legal footing, that they are managed by duly qualified persons to whom a young man can be apprenticed, and that in these cases a certificate of apprenticeship can be given by a properly constituted person, the Society should alter their rules accordingly.

### A CROSS-OVER.

Mr. Alexander Cross, member for the Camlachie division of Glasgow, who was chiefly responsible for the appointment in 1903 of the Departmental Committee to consider Schedule A to the Pharmacy Act, 1868, the report of which was followed by the Government Poisons and Pharmacy Bill, has crossed from the Unionist benches of the House of Commons to the ministerial side. Mr. Cross is the senior partner in the firm of Messrs. Alexander Cross & Sons, seed-merchants and chemical-manufacturers, of Glasgow, and he is also a director of the Glasgow Chamber of Commerce. Mr. Cross joined in the discussions which took place last Session on the Poisons and Pharmacy Bill, and from time to time he interrogated the Government on various aspects of that much-debated measure. Mr. Cross's correspondence with the Unionist Whip has been published.

### THE PETROL-TAX.

In the House of Commons on Tuesday, Mr. G. Fetherstonhaugh asked the Chancellor of the Exchequer whether the tax on petrol had been collected from importers and manufacturers up to the present, and, if so, from what date; and could he say approximately the number of gallons on which the duty had been paid.—The Chancellor of the Exchequer replied that imported motor-spirit had been liable to duty since April 30 last, and home-made motor-spirit since June 1. The approximate quantity delivered duty-paid to June 30 inclusive (the latest date up to which quantity accounts were available) was 3,624,000 gals.

Mr. Fell asked the Chancellor of the Exchequer in the House of Commons on Wednesday how much had been collected up to the present time from the duty of 3*d.* per gallon on petrol and how much had been refunded on the ground that it had not been used for motor-cars.—The Chancellor of the Exchequer replied that the duty charged on motor-spirit at 3*d.* per gallon up to June 30—the latest date to which information was available—was approximately 45,000*l.* No refund had yet been made pending the passing of the Finance Bill authorising rebates.—In reply to a further question Mr. Hobhouse added that so far as he was aware no application had been made for a refund.

### METROPOLITAN AMBULANCES.

The meeting of Standing Committee A which was arranged for Wednesday, to consider the Metropolitan Ambulances Bill, was postponed *sine die* by the desire of Mr. Gladstone. The Home Office representative on the Committee originally preferred the Metropolitan Asylums Board to the London County Council as the executive authority, but it is now believed that the official view has been modified. On Tuesday afternoon Mr. W. R. Peel introduced a Bill to enable the Metropolitan Asylums Board to establish an ambulance service in London, and to empower the Commissioner of Police to enter into agreements with the Board and with Boards of Guardians in respect to the use and working of ambulances.

### IMPRISONMENT FOR DEBT.

The Committee on this subject recommend that the power of imprisonment should be altered from forty-two to twenty-one days. It should be left to the Judges to fix a minimum income for the necessities of life, regard being had to the circumstances of the debtor, and not commit unless there is evidence of means over and above such income. In the case of the artisan class the Judges should not commit unless it is shown that the debtor had at the time of hearing means in hand or falling due. The power of committal is also to be abolished—according to the recommendations of the Committee—in cases where judgment is obtained in respect of gaming or betting transactions, and only remain, as already stated, where the judgment debt is obtained for the necessities of life or for damages for *torts*.

### WEEDS AND AGRICULTURAL SEEDS (IRELAND) BILL.

In the House of Commons on August 4, Mr. T. W. Russell (Vice-President of the Department of Agriculture in Ireland) gave notice of the introduction of a Bill to prevent the spread of noxious weeds in Ireland and to make provision for the testing of agricultural seeds. In conversation with our Parliamentary correspondent the right hon. gentleman said the Department over which he presided proposed to take powers to order the removal of noxious weeds, and to order a farmer to destroy them in cases where they are ruining his own land and that of other people. In regard to the testing of seeds, Mr. Russell said there is an enormous quantity of impure seeds imported into Ireland which do an immense amount of harm, and additional powers are being sought in order that samples may be taken and submitted to analysis, and the offenders, if needs be, prosecuted.

### THE ANÆSTHETICS BILL.

There is some reason to believe that the Government will introduce next Session a Bill dealing with the question of the administration of anæsthetics, which has recently been inquired into by the Departmental Committee on Coroners' Law. The evidence which was taken before the Committee has for some time past been in the possession of the Home Office, and was published this week. No further progress will be made with Dr. Cooper's Anæsthetics Bill during the present Session.

### HOP PRESERVATIVES.

In the House of Lords on July 29, Viscount Eversley moved to add a new sub-section to Clause 1 of the Government Hops Bill, which prohibits the use of hop-substitutes in brewing, providing that nothing in the Bill shall prevent the use of any preservatives which, in the opinion of the Commissioners of Customs and Excise, are necessary. The amendment was opposed by Lord Carrington on behalf of the Government, and withdrawn. The Earl of Mayo then



moved to exclude from the definition "hop-substitute" the various compounds of sulphur dioxide. Earl Carrington suggested that the words should be altered to "other than sulphur dioxide and its preparations." This was agreed to. Viscount Hardinge moved to add to the paragraph defining "hop-substitutes" the words "and any bitter article or substance, and any preservative other than hops, used in the brewing, preparation, or preservation of beer, shall, unless the contrary is proved, be presumed to have been used as a substitute for hops, for flavouring or for preservative purposes." Earl Carrington said the Government did not object, and the amendment was agreed to.

#### SHOP-HOURS REGULATION.

After many delays Mr. Herbert Gladstone introduced on Wednesday, under the ten minutes rule, the long-promised Bill to consolidate, amend, and extend the Shops Regulation Acts, 1892 to 1902. In the course of his statement the right hon. gentleman disclosed the fact that in order to arrive at an agreement he had received no fewer than twenty-one deputations from the representatives of the various parties interested. Mr. Gladstone made it clear at the outset that there are, in the opinion of the Government, grave objections to compulsory early closing which does not, after all, afford any guarantee against unduly long hours after closing-time. What is known familiarly as the "back-door" system of trade is very difficult to deal with, and in the case of the small shopkeeper the Act of 1904 has been an entire failure. The Bill proposes to restrict the hours of shop-assistants, to make closing on Sundays compulsory, provides a weekly half-holiday, and gives local option in the matter of early closing on the lines of the present Act, which will be materially simplified. The Bill is to apply to the whole country, except in the case of rural parishes with a population of less than a thousand. Shop-assistants are not to be employed more than sixty hours a week, exclusive of meal-times, nor after 8 P.M. on more than three days in the week. A notice is to be affixed in each shop showing the number of hours which each assistant has to work and the time allowed for meals. Overtime is to be allowed to the extent of two hours per day on not more than thirty days in the year. There is to be one weekly half-holiday in every shop, with a few exceptions. Shops are to close not later than two o'clock on one day in each week, the day to be fixed by the local authority. Special provision was to be made for holidays. All shops are to close on Sundays. The competition in the retail trade has led, he regretted to say, to a constantly increasing tendency to open on Sundays. There is an almost unanimous opinion among shopkeepers and assistants in favour of Sunday closing. Special provision is made for the case of Jewish traders. The area in London is to be the area of the London County Council, and not the area of the Metropolitan boroughs. The Bill also applies to street hawkers and traders, and the responsibility for the enforcement of its provisions will rest with the local authority. Inspectors will be appointed to see that the law is carried out. Power is reserved to the Home Secretary to hold an inquiry to authorise the factory inspectors to take special steps for the enforcement of the Act. It is not proposed to proceed any further with the Bill this Session, the only desire of the Government being that its provisions should be discussed in the country during the recess. Every effort has been made to arrive at an agreement with the representatives of the various industries concerned. The Bill is not intended to be in any way contentious. It concerns the daily life of a million subjects and half a million shop-owners. The cause of the whole evil is the wasteful and mischievous system of competition, and he hoped the Bill would lead the employer to study the convenience of those who served him. Mr. Horatio Bottomley (Lib., South Hackney) opposed the Bill, and twitted the Home Secretary with having introduced a measure of so undemocratic a character. It would never be possible to regulate by Act of Parliament as to when a man should eat his dinner and wash his hands. Leave was then given to introduce the Bill without opposition, and Mr. Gladstone intimated that the Bill was brought in by Mr. Samuel, Mr. C. F. Masterman, and himself. The second reading was formally put down for Monday next.

In conversation subsequently with our Parliamentary correspondent Sir J. Barker, M.P., expressed his cordial approval of the proposals contained in the Bill, for which he had been fighting for the last forty years. As far as chemists and druggists were concerned, he did not see that there are any reasons why they should keep open longer than other businesses or professions. The Home Secretary subsequently informed our Parliamentary representative that the provision that shop-assistants are not to be employed after 8 P.M. on more than three days a week will not apply to assistants employed for the sale of medicines and surgical appliances. Furthermore, an assistant will not be prevented from serving customers for emergency purposes after closing-hours on half-holidays or on Sundays, nor will such serving be prevented though contrary to the sixty hours' limit in Part I. of the Bill.

[It may be recalled that among the twenty-one deputations received by the Home Secretary was one from the chemists' assistants, who laid before the right hon. gentleman their claims for special treatment.—ED.]

#### POSTPONED LEGISLATION.

The Prime Minister has announced, in a written communication to Mr. William Field, that the Government are prepared to consider any representations that may be made to them on the subject of the State registration of nurses. As, however, there is considerable diversity of opinion on the question among those qualified to judge, he cannot give any undertaking to introduce legislation.

The Home Secretary has also intimated that there is no possibility of legislating during the present Session in regard to amending the law as to inebriates, as promised in the Speech from the Throne at the commencement of the present Session. He does not think that in these circumstances it is desirable to introduce the Bill.

#### Straits Settlements Pharmacy Bill.

A DEPUTATION of the Singapore Pharmaceutical Association waited on the Attorney-General of the Colony on July 3 to lay before him objections to the draft Pharmacy Bill. Dr. McDowell, the P.C.M.O., and the Government analyst were also present. The attention of the Attorney-General was first of all drawn to the title of the Bill, which, strictly speaking, is not a "Pharmacy Bill," as no definition of a pharmacist or chemist and druggist is included. The exclusive right of the Government to import or establish depôts was objected to as being an infringement of trade privileges. In regard to the issue of licences the deputation contended that licences should only be granted to those who hold the local qualification or its equivalent. Attention was called to other defects in the Bill, it being stated that there is no provision for dividing the samples purchased into three parts, according to the Food and Drugs Act, and that no allowance is made for climatic conditions, it being unreasonable to expect such articles as spirit, ether, nit., spirit ammon. aromat., etc., to keep up to the requirements of the B.P. The deputation also contended that the signatures of licensed practitioners should appear in full on prescriptions containing a deleterious drug. Several other minor questions were brought up, but the P.C.M.O. intimated that the Government are determined to establish depôts, and that all deleterious drugs and syringes must be purchased through them at London prices *plus* freight. The only concession obtained from the Attorney-General is that the keeping of books and the issuing of monthly returns showing the quantity of deleterious drugs consumed will not be enforced. The Attorney-General thanked the deputation for bringing the objections to his notice, and promised to amend the proposed Bill in certain particulars before it reaches the Legislative Council. It only remains now (writes our Singapore correspondent) to interview the unofficial members, but the Bill in any case is bound to become law, as the Government are determined to obtain control over the sale of opium, morphine, and other deleterious drugs. The "Straits Times" had some criticism of the draft in its issue of July 8.

## Trade Report.

**NOTICE TO BUYERS.**—The prices given in this section are those obtained by importers or manufacturers for bulk quantities or original packages. To these prices various charges have to be added, whereby values are in many instances greatly augmented before wholesale dealers stock the goods. Qualities of drugs and oils vary greatly, and higher prices are commanded by selected qualities even in bulk quantities. It would be unreasonable for retail buyers to expect to get small quantities at anything like the prices here quoted.

### 42 Cannon Street, London, E.C., August 5.

WITH the holiday season now on no improvement in business is looked for this month, but the feeling is prevalent that trade will slowly improve with the approach of autumn, and when the fate of the Budget has been decided. Price-changes are few and mostly in buyers' favour. They include a slight reduction in acetyl-salicylic acid and one of threepence in morphine salts. Citrates are also a penny easier, as the result of cheaper citric acid. Camphor is quiet, with an appreciable increase in London stocks. Glycerin remains very firm, with a further advance in German, the basis price of which is now 11*l.* above the parity of British chemically pure. Jalap resin and jalapin are considerably dearer, and acetic acid and acetates are tending firmer in view of the higher price for raw material. Milk sugar is steady. Bergamot oil is firm and scarce on spot, and lemon remains easy. Cubeb and chamomile oils are higher. Quillaia is slightly easier and balsam peru is in better supply. Senega is lower for shipment and serpentary remains at a high figure. Opium has been active in Smyrna at lower rates for American account, but closes firmer. Tonquin musk is unchanged, but stocks are getting low. Copper sulphate and green copperas are tending downwards, while arsenic continues cheap, but demand is slow. TN shellac has advanced about 4*s.* The tendency in values has been as follows:

Higher	Firmer	Easier	Lower
Cubeb oil	Acetic acid	Acetyl-salicylic acid	Balsam (Peru)
Jalapin	Benzol	Citrates	Morphine salts
Jalap resin	Opium	Copper sulphate	Senega
Serpentary		Iron sulphate	
Shellac		Musk	
		(Cabardine)	
		Quillaia	

### Cablegrams.

SMYRNA, August 3:—Large sales of opium have been made to American buyers at from the equivalent of 10*s.* to 10*s.* 3*d.* per lb. The crop is now estimated at 6,000 cases.

NEW YORK, August 5:—Business in drugs is dull. Opium is easy at \$4 per lb. for druggists by single cases. Hydrastis (golden seal) has advanced to \$1.80 per lb. Cascara sagrada is nominal at 8*c.* per lb. Copaiba is steady at 42*c.* for Central and South American. Peppermint-oil in tins is also steady at \$1.45. Podophyllum (mandrake) root is firm at 8*c.* per lb., and Peru balsam is easy at \$1.50.

### London Markets.

ACID, ACETIC.—The market shows a rising tendency owing to the position of raw material and the paucity of stocks in second-hands. Glacial (99 per cent. to 100 per cent.) is now quoted 33*l.* per ton, and 98 per cent. 32*l.*, inclusive of carboys.

ACID, ACETYL-SALICYLIC, is about ½*d.* per lb. easier owing to stress of competition, the price of 1-cwt. lots being 1*s.* 10*d.* per lb.

ALOES.—Fifty cases have arrived from Mossel Bay and twelve from Algoa Bay.

ARSENIC is quiet, English powdered white offering on the spot at 13*l.* per ton.

BALSAM PERU.—The *Magdalena*, from Acajutla, has brought eleven cases.

CAMPHOR (CRUDE).—Quiet, with small spot sales of China at 140*s.*, and for shipment 132*s.* 6*d.* c.i.f. is quoted.

A Yokohama report of July 11 states that in view of the termination of the world-wide depression and the decided reduction in November last of the price of Monopoly camphor, which affected the China product, and the competition of synthetic camphor, 3,200,000 lb. of accumulated stock was exported during five months ending with March last, and the tone still continues very active. It is stated in Tokyo that the discontinuance of competition in synthetic camphor after the decided reduction of the price of Japanese camphor, shows that its cost of production is by no means cheap, and that it would be unwise to revive competition.

CAMPHOR (REFINED).—Japanese is rather firmer for distant shipment; up to 1*s.* 7½*d.* per lb. c.i.f. has been paid for 1 oz. for January-February shipment, and near-at-hand is offered at 1*s.* 7½*d.* Slabs have been sold at 1*s.* 7*d.* for January-February shipment, and spot sellers ask 1*s.* 6½*d.*; 1-oz. tablets offer at 1*s.* 8*d.* to 1*s.* 8½*d.*

CARDAMOMS.—A fair business has been done in *seed* at 1*s.* 8*d.* per lb.

CASCARA SAGRADA is quoted on the spot at 40*s.* per cwt., while for arrival no business is reported.

CITRATES.—These are now 1*d.* per lb. cheaper, ferri et ammon. cit. and potash citrate being quoted 1*s.* 6*d.*, and sodium citrate 1*s.* 9*d.* per lb.

COCOA-BUTTER. At the Amsterdam auction on August 3, 47 tons van Houten's sold at 63.25*c.* per half-kilo, against 63*c.* last sale, and 20 tons other makes partly sold at 59*c.*

COPPER SULPHATE is from 7*s.* 6*d.* to 10*s.* per ton easier, Liverpool makes offering at from 18*l.* 5*s.* to 18*l.* 10*s.* per ton for prompt delivery, December-February shipment being quoted at 19*l.*

GLYCERIN remains very firm, the official quotation being on the basis of 80*l.* per ton naked for 5-ton lots, and 84*l.* in tons and cases for double-distilled, s.g. 1.260 quality. It is quite anticipated, however, that prices must further advance owing to the unprecedented position of crude. The prices of the German refiners have been advanced to the parity of 91*l.* per ton, and it will be seen they are now 11*l.* above those of British refiners.

GUM ARABIC. Soudan gums are firm, with small sales at 32*s.* 6*d.* spot, and slightly less for quantity; for shipment 29*s.* c.i.f. is wanted. Fair Senegal (Bas de Fleuve) is worth 32*s.* 6*d.* on the spot, and in Bordeaux a large business is reported to have been done at 29*s.* 6*d.*, which is above buyers' idea here. East Indian gums are quiet and without important business.

IRON SULPHATE.—Values have eased 2*s.* 6*d.* per ton to 47*s.* 6*d.*

JALAP RESIN.—The price has advanced about 4*s.* 6*d.* per lb., makers quoting 22*s.*, and powdered 22*s.* 9*d.*

LEAD ACETATE.—Foreign white is cheap considering the rising tendency of acetates, and sells steadily on the basis of 23*l.* 10*s.* per ton.

MENTHOL continues neglected, spot sellers of Kobayashi and other brands asking 8*s.* 6*d.*, but only a small quantity is to be had at this figure. For near-at-hand 8*s.* 3*d.* c.i.f. is quoted, but the quotation from Japan is considerably above this figure.

MILK-SUGAR is steady, especially now that the limited quantities of cheap American have gone into consumption. 40*s.* per cwt. will buy practically any make.

MORPHINE.—The makers have reduced their quotations by 3*d.* per oz., which now makes hydrochloride in crystals 5*s.* 11*d.* and powder 5*s.* 9*d.* per oz. net in minimum lots, other salts being reduced in proportion.

MUSK.—Spot supplies of Tonquin pod are small. Fine blue skin pile I. is offered at 68*s.* per oz., good at 65*s.*, and pile III. 50*s.* to 55*s.* Old style sells at 52*s.* 6*d.* to 55*s.*, and pile III. at 35*s.* to 37*s.* 6*d.* Sellers of Russian Cabardine ask 18*s.*, being easier.

OIL, ANISEED, STAR, is unaltered, but steady on the spot, with business at 4*s.* 6*d.* per lb., and to arrive 4*s.* 3*d.* is about the lowest figure.



**OIL, BERGAMOT.**—Reports from Calabria intimate that the present condition of the trees point to the fact that the fruit will be small and few this year. Supplies on the spot continued extremely scarce, finest quality offering in retail at 18s. in several quarters.

**OIL, CASSIA.** continues very slow, sellers on the spot asking 4s. for 80 per cent. to 85 per cent.; 3s. 10½d. for 75 per cent. to 80 per cent.; 3s. 9d. for 70 per cent. to 75 per cent.

**OIL, CHAMOMILE.**—Genuine English oil has advanced to 4s. per oz. net.

**OIL, COD-LIVER.**—The Norwegian market is unchanged, finest non-congealing Lofoten oil offering at 64s. per barrel c.i.f. London. The exports from Bergen amount to 7,261 barrels, against 10,027 barrels at the same date of 1908.

**OIL, CUBEB.**—The quotation for finest English distilled has been advanced to 10s. per lb. owing to the scarcity and high price of genuine berries.

**OIL, LEMON.**—A report from Palermo, dated July 24, states that the demand both locally and from abroad was inactive. The hopes of holders, who, encouraged by the previous week's fair inquiry, thought of advancing prices, were therefore frustrated, and the general tendency was slacker, as there were no buyers at the previous prices paid. On the other hand, holders are very reserved and show no anxiety to sell. This especially refers to lemon oil, the position of orange and bergamot oils being unchanged, with little doing. Lemon is quoted 3s. 3d. per lb. c.i.f. London. On the spot there is little demand, from 3s. 3d. to 3s. 6d. being quoted for best grade oils. The new crop is already being offered for forward delivery.

**OIL, OLIVE.**—The Acting British Consul at Seville (Mr. A. Henderson) reports, under date July 20, that the new olive crop in Spain promises to be a very abundant one. At present, owing to shortage in stocks, prices are high.

**OIL, PEPPERMINT.**—American is steady at 6s. 3d. per lb. for Wayne County tin oil, and for H.G.H. 8s. 7d. is quoted. Japanese dementholised is steady and in limited supply on the spot at from 5s. 5d. to 5s. 6d. for Kobayashi, and 5s. 4d. to 5s. 5d. for Suzuki.

**OILS, FIXED.**—*Linseed* is steady at 23s. 9d. in pipes on the spot, and at 24s. in barrels. *Rape* is quiet at 26s. for ordinary brown crude, the value of English refined in casks being 28s. *Coconut oil* is firm on the spot at 34s. for Ceylon, and 37s. for Cochin. *Cotton seed* is quoted at 23s. 9d. for crude, 24s. for ordinary pale refined, and 26s. 6d. for sweet refined. *Soya-bean oil* is quoted at 21s. 4½d. spot. *Lagos palm oil* is unaltered at 26s. *Turpentine* has advanced about 1s. 6d. per cwt. on the week, American on the spot closing at 36s. 6d. per cwt. *Petroleum* is quiet, Russian offering at 5¾d., ordinary refined American at 6d. to 6¼d., and Waterwhite at 7d. to 7¼d. per gallon on the spot.

**OLIBANUM** is unaltered, the small sales including fair drop at 37s. to 38s., ordinary ditto at 21s. 6d. to 22s., and garblings at 15s. per cwt.

**OPIMUM** has shown more activity in primary markets, *vide* cable from Smyrna, and subsequently a cable was received from Constantinople announcing an advance of 4d. Altogether there is a decidedly better tone, and as usual on an advancing market more interest is displayed. On the spot business is of a hand to mouth character at previous rates, good Smyrna druggists being quoted 11s. to 11s. 6d. per lb., and in Persian a few sales have been made at full prices, stocks being very small.

Writing on July 23, a Smyrna correspondent reports a rather active market, the inquiry coming from consuming markets, but being at lower prices, the sales amount to thirty-four cases only, comprising new crop at from 9s. 8d. to 9s. 10d. for current qualities (about 10 per cent.) and 10s. 3d. to 11s. for extra rich Karahissar. The U.S.A. bought thirteen cases, the balance being for England and the Continent. Taking everything into consideration, we think we have reached the lowest prices, and unless the trade continue to maintain a waiting policy, a reaction may set in and prices may more or less improve according to demand. Spot speculators are on the *qui vive* waiting for an improvement in the demand, and when it sets in will doubtless buy largely. The arrivals to date amount to 531 cases against 670 cases at the same period last year.

**OTTO OF ROSE.**—Our Bulgarian correspondent, under date of July 31, writes that "the rose-market throughout the whole district has been very dull, with a downward tendency. The 'bulls,' who made ten days ago prices as high as 20s. and even 22s. 6d. per oz., on finding that the old houses would not support them, have withdrawn from the field, and just now are buying nothing. The news from the consuming markets, too, has had a damping and depressing influence on the market here. The present artificial prices can be maintained only if the demand for otto is large and consumers are ready to pay these prices; but as the demand so far has been very, very limited, and perfumers seem unwilling to place new orders, prices in a fortnight will probably decline substantially, and much stock will remain unsold. It has leaked out that all the 'bulls' of ten days ago have large stock of old otto on hand. This accounts for their policy."

**PIMENTO** is quiet, sellers quoting 21s. 6d. per cwt. c.i.f. for distant shipment.

**QUILLAYA.**—Sales have been made in Liverpool in store at 53l. 5s. per ton.

**QUININE.**—Business is quite unimportant, with quotations unaltered. The landings in London during July amounted to 75,008 oz., and the deliveries to 78,268 oz., leaving a stock on July 31 of 3,286,928 oz., against 3,412,000 oz. in 1908.

**SENEGA.**—The *Mount Royal* from Montreal has brought 23 bales, part of which has been sold to arrive. On the spot 1s. 10½d. net is quoted, and for shipment there are offers at 1s. 8d. c.i.f., which is lower than our last quotation.

**SERPENTARY** has advanced to 2s. 4d. per lb. c.i.f., and on the spot business has been done up to 2s. 3d. per lb.; but no more is available at this figure.

**SHELLAC** has advanced several shillings on the spot, sales of fair, free TN orange having been made at up to 74s. For arrival October-December shipment of TN is quoted at 77s. c.i.f. Futures are also dearer, business having been done in August delivery at 75s., October 76s., December 77s., and March 78s.

**SPICES.**—No auctions have been held this week. Privately the market for black Singapore *pepper* is firmer for arrival, the sales including 50 tons at 3¾d. to 3½d. for September-November shipment. *White* Singapore *pepper* is steady, with sellers on the spot of fair at 5¼d. For arrival the sales comprise August-October and September-November shipment at 4½d. Sellers of January-March quote 4½d. c.i.f., d/w. *Zanzibar cloves* are steady but quiet, the business including October-December delivery at 4½d., and January-March at 4¾d. To arrive October-December shipment is quoted at 4½d. c.i.f. On the spot sellers offer at 4¾d.

**THYMOL.**—The makers' price for fair wholesale quantities is 5s. 6d. per lb.

**WAX, JAPAN.**—The spot price is unchanged at from 45s. to 46s., and for August-September shipment business has been done at 42s. 6d. c.i.f.

### Heavy Chemicals.

There is little that is new or of exceptional interest to be reported as regards the heavy-chemical market. There is a fair general business passing at all the main centres of the industry, but there is no great pressure, and exports are perhaps scarcely so good as they were. Prices keep on the steady side without much fluctuation.

**SULPHATE OF AMMONIA.**—This market is very quiet, and new business at the moment is on the scarce side. Prices are nominally unchanged. Beekton prompt 11l. 7s. 6d., Beekton terms 10l. 18s. 9d. to 11l., London 10l. 18s. 9d. to 11l., Leith 11l. 5s. to 11l. 6s. 3d., Liverpool 11l. 2s. 6d., and Hull 11l. As regards forward business up to the end of the year the ideas of buyers appear to be not more than about 2s. 6d. per ton above prompt figures, and as the makers altogether decline to accept there is practically nothing doing.

**BENZOLS** are in somewhat better inquiry, particularly 90-per-cent., and prices are rather steadier; 90-per-cent. 6d. to 6¾d. per gal., and 50-per-cent. 6¾d. to 7¼d., according to market.

**BICHROMATES OF POTASH AND SODA** keep steady at late rates, and are moving fairly well. Bichromate of potash, English and Scotch deliveries, 3½d. per lb. less 5 per cent., and export 3½d. per lb. net f.o.b. Glasgow. Bichromate of soda, English

and Scotch deliveries, 3*l.* per lb. less 5 per cent., and export 2*3*/<sub>4</sub>*d.* per lb. net f.o.b. Glasgow.

RECOVERED SULPHUR is in request, and on the steady side on the basis of 5*l.* to 5*l.* 5*s.* per ton in 2-cwt. bags.

MAGNESIUM SALTS maintain a steady tone at unaltered figures. Sulphate 62*s.* 6*d.* to 65*s.* per ton, chloride 67*s.* 6*d.* to 70*s.* per ton, and carbonate 30*s.* to 35*s.* per cwt.

ZINC SALTS continue rather quiet, but otherwise are unchanged. Zinc sulphate crystals 6*l.* 15*s.* to 7*l.* per ton, and zinc chloride solution 100° Tw. 6*l.* to 6*l.* 5*s.* per ton.

### Manchester Chemical-market.

August 3.

The small attendance on the Exchange to-day reflected the feeling generally prevalent, which was one of dulness. In heavy chemicals home demand was slow, though on export account there was more doing. In this department there was a better demand for high-strength caustic soda, and bleaching-powder. Soda crystals are unchanged. Carbonate of potash has improved both for prompt and forward delivery, and there is a better demand. In glycerin there does not appear to be any limit to the advance in price, and although the present level is inflated, prices look like going higher. Refined is quoted 80*s.* to 90*s.* per cwt., U.K. delivery. Crude is scarce, but for 1910 there is scarcely so much demand, except at a substantial reduction. White powdered arsenic is irregular, and in buyer's favour at 12*l.* 10*s.* net. Acetate of lime is firm. Coal-tar products rule dull generally. Sulphate of ammonia is 10*l.* 16*s.* 3*d.* to 10*l.* 17*s.* 6*d.* per ton on rails, Manchester.

### Continental Drug and Chemical Market.

ACETIC ACID.—The position is somewhat steadier in view of the new tax which is about to be imposed. The demand is active both for spot and later deliveries, and a further advance in prices may be expected in the near future.

ANTIMONY.—First-hand holders of crude in Hamburg ask 15*l.*, after having done business at 14*l.* 10*s.*

CAMPHOR.—Owing to the higher prices asked from Japan, large sales have taken place in Japanese refined. While Japan offers slabs at 1*s.* 7*d.* per lb., second hands are offering at 1*s.* 7*d.* German refined in bells is 3.72*m.* in second-hands.

CITRIC ACID.—Quiet in Hamburg, with offers at 2.70*m.* per kilo. from second-hand for spot and delivery. For the time being no improvement seems to be expected, this being attributed to the cold weather.

ERGOT.—Stocks have been greatly reduced. It is true small lots are offered, but these leave much to be desired in quality, and are being sold at from 300*m.* to 325*m.* per 100 kilos, when necessity compels buyers to come forward. As regards the new crop nothing definite is yet known, but the market will be bare when the new arrivals take place.

FECCACANHA.—Both Rio and Cartagena are steady, with few offers. Rio is 13.50*m.* and Cartagena 9.25*m.* per kilo.

JALAP.—The scarcity of supplies in Hamburg continues, the small lots which are received from time to time being bought up immediately at from 400*m.* to 425*m.* per 100 kilos. Jalap resin is quoted at the high price of 40*m.* per kilo., only small quantities being obtainable.

LAVENDER FLOWERS.—In the producing regions bad weather, lasting right up to the past few days, has seriously prejudiced the output. Pickers reckon it to be about half an average crop. For the first lots for August delivery from 95*m.* to 100*m.* per 100 kilos. is quoted.

LEAD ACETATE.—The greatly increased price of spirit makes a rise imperative in the near future. Prices have long remained unchanged at 45*m.* to 47*m.* for commercial and at 49*m.* to 50*m.* for refined.

### American Drug-market.

New York, July 27.

With the holiday season in full swing the New York drug-market continues to be characterised by dulness. Several price-changes have occurred, mostly on the declining side.

ALOE.—Business in case Curaçao has been fairly good, and, with stocks well controlled, prices are firmer at 6*1*/<sub>2</sub>*c.* to 7*c.*

CANADA BALSAM has declined 25*c.*, to \$6.25, owing to freer supplies on offer from primary sources, and the limited demand for the product. Oregon is nominally unaltered at \$1.15.

CASCARA SAGRADA is in unchanged position in both primary and spot markets. Coast holders show some anxiety to rid themselves of stock, and the small lots in demand here are obtainable at 8*c.*

COPAIBA.—Receipts of C. and S. American continue heavy, and, with a falling-off in the demand, prices of U.S.P. grades are a few cents lower, at 42*1*/<sub>2</sub>*c.* to 45*c.* Para also is in easy tendency at 50*c.*

HYDRASTIS continues in very poor demand, and is now obtainable in some spot quarters at \$1.75, although up to \$1.85 is asked elsewhere. The carried-over stock of fall-dug

is reported large in country markets, and, owing to the approach of the new crop, lower prices are probable.

FECCAC is in easier position, with a wider range of quotations in force—viz., \$1.40 to \$1.50 for Rio and 9*c.* to \$1.05 for Cartagena.

JALAP.—The market is still poorly supplied, and in only a few quarters can 45*c.* be done, most dealers demanding 50*c.* for desirable grades.

MANDRAKE continues in good demand at steady prices of 8*c.* to 8*1*/<sub>2</sub>*c.*

OPUM is again lower, cases being now quoted at \$4.05, jobbing parcels at \$4.10. The prospects of an increased import-duty have failed to stimulate inquiry in face of the improved crop outlook.

PEPPERMINT OIL (AMERICAN) is not particularly active, and no price-changes have occurred. Reports from growing areas indicate some shortage in the approaching harvest, but the supplies of old oil in hand will probably offset that factor. Case oil has been in fairly good demand for export account, \$1.95 being paid.

PERU BALSAM.—Shipments for this port have been heavy of late, and, with supplies well distributed and competition keen, prices are lower, at \$1.55 to \$1.60 for goods answering the U.S.P. tests.

SPERMINT OIL.—Owing to the approach of the new crop and a falling-off in the demand, prices continue to decline, \$2 being now generally acceptable.

SENEGAL is reported scarce and firm at the Canadian sources of supply. On spot there is little movement, and 43*c.* to 45*c.* rules.

### Spanish Olive Oil.

The olive-plantations in Spain last year (according to the report of the British Chamber of Commerce) covered an area of 1,387,720 hectares, and produced 8,277,174 metric quintals (about 813,000 tons) of olives. Of this quantity 8,106,337 m. quintals were employed in the manufacture of olive oil, 36,337,893 gals. of oil being obtained. The average production of olives per hectare was 5.96 m. quintals, and of oil 1.11 m. quintal. The largest quantities of oil were manufactured in the provinces of Lérida, Jaén, and Córdoba, which produced 437,220 m. quintals, 335,461 m.q., and 107,512 m.q. respectively. [Hectare=2.47 acres; metric quintal=220.4 lb.]

### Thorianite in Ceylon.

In the Ceylon Administration Report for 1907 it is stated that monazite was found almost universally in concentrates from alluvial deposits both in the Galle district and in Uva. The concentrates from Elpitiya were particularly rich in the mineral. These deposits would probably pay to work, but it is impossible to make any definite statement on the point until analyses of the concentrates have been received from the Imperial Institute. The mineral found by Dr. Coomaraswamy near Nugegoda, Central Province, and described by him as thorite, is shown by analysis to be monazite. It has also been proved to occur *in situ* in certain micaceous veins in Upper Uva.

### Lac in the United Provinces.

It is stated in the report of the Forest Administration of the United Provinces for 1907-8 that the year was a most unfavourable one for lac. A producer, who rented about 200 acres of jungle in the Pathri forest of the Siwalik division, has notified his intentions of abandoning the experiment owing to the frost having destroyed all the lac he tied on. The Divisional Officer, however, proposes to continue the experiments departmentally for a time. In the Sakrauda forest lac was found to have survived upon one-third of the trees experimented on. In the Barkala range two-thirds of the number of trees upon which the seedlac had been tried were found bearing living lac. On the whole, the experiment was not very encouraging, and it seems probable that the climate of the Siwalik division is unsuitable to the successful cultivation of lac owing to the extremes of temperature which prevail there. The report further states that in the experimental lac garden at Chorgalia the formation of the lac on the infected stem of "Arhar" proceeded satisfactorily, but the insects did not spread much to other stems. A large number of the "Arhar" plants sown in November 1906 began to die in the hot weather of 1908, although well irrigated. The experiment suggests that though there is little difficulty in propagating lac on "Arhar" the latter, on account of its short life, is not a very suitable host.

### Russian Manganese Ore.

In June and July 1908 the manganese producers of the Caucasus, who had fallen into heavy financial embarrassments owing to the curtailment of exports of ore since the beginning of 1907, anxiously expected that a change for the better would take place so soon as the period for the termination of contracts made for the supply of manganese ore to European



markets from India should expire. When the time drew near, however, they found they were mistaken, and the trade went from bad to worse, so that in the second half of the year a large number of producers at Tchiaturi were compelled to shut down, and many had even to resort to final liquidation. Only two or three of the sounder firms were able to continue production for the sole purpose of completing old contracts, seeing that new business was not forthcoming. Prices of manganese ore at the mines in 1908 were 5c. per poond, or practically 1½d. per 36 lb., as compared with 16c. to 18c., or 4d. to 4½d., when the industry was in a flourishing condition. The high transport rates charged by the State railways and Indian competition have brought about the present unhealthy condition. On the other hand, the Indian and Brazil manganese industries have steadily forged ahead in European markets and elsewhere, as the following figures relating to exports show:

Year	Brazil	Br't'sh India	Poti and Batoum
	Tons	Tons	Tons
1902 ... ..	157,295	144,037	478,421
1903 ... ..	161,926	171,804	439,915
1904 ... ..	208,260	154,880	453,109
1905 ... ..	224,337	232,334	313,095
1906 ... ..	201,500	310,446	491,506
1907 ... ..	231,410	641,692	490,759
1908 ... ..	—	—	374,760

From the foregoing statement it is evident that during the six years preceding 1908 the exports from Brazil increased by 50 per cent., and in the case of India by five times, whereas during the same period the exports from the Caucasus remained almost stationary, and in 1908 dwindled down to 374,760 tons.

#### Recent Developments in Southern Nigeria.

The "Annual Reports of the Colony of Southern Nigeria" for 1907 are rather belated, since they reached this country in volume form in the middle of April 1909. The facts and figures given are therefore somewhat out of date, but they afford interesting information regarding progress in the exploitation of the economic products of the country. The total exports were valued at 3,863,332l., as against 2,950,392l. in 1906, the increase being due in part to rise in prices of palm oil, palm kernels, and other products, but also to increased quantities shipped in most cases. The United Kingdom and the German Empire took practically all the exports, the former 52.7, and the latter 41.9 per cent., while 2.2 per cent. went to France, and the remaining 3.2 per cent. to "other countries." Considerable attention is being given to increasing the export of palm oil and palm kernels, and among minor products the Government is encouraging the cultivation of ground-nuts, exports in the growing of these having been engaged in the Gambia to teach the Southern Nigeria natives the art. It is expected that the Lagos railway extension will result in a development of the export trade in "shea nuts" and "shea butter" among other things. The only product of direct pharmaceutical interest exported from the Colony was "gum," valued at 5,086l., and this was chiefly in transit from Northern Nigeria. Of interest to various chemical industries are the exports of sesame-seed 2,411l., ground-nuts 17,529l., palm kernels 1,658,292l., palm oil 1,313,960l., rubber 244,989l., tin ore and block tin 25,265l., the last being from the mines of Bauchi, in Northern Nigeria. With the exception of rubber all these products show increases in export on the figures for the previous year.

#### Reunion Products.

The British Consul at Réunion, in his annual report for 1908, states that the quantity of vanilla produced locally for the last three years is as follows: 1906-7, 35½ tons; 1907-8, 49 tons; and 1908-9, 70 tons. Of the last crop 44 tons was exported up to February 26, 1909. Prices varied between 17f. (14s.) and 25f. (12l.) per kilo, for first quality and 8f. (7s.) and 15f. (10s. 6d.) per kilo, for inferior quality. There has been a great over-production of vanilla during the last five or six years, and prices, he states, are likely to go still lower as new plantations come into bearing. The quantity of ylang-ylang oil exported in 1907 amounted to 529 kilos. (1,164 lb.), and was sold at 20l. the kilo. In 1908 the production had doubled to 1,126 kilos. (2,477 lb.), which was sold at an average of 18l. per kilo. There are symptoms, however, that ylang-ylang plantations have seen their best days. Too many new plantations have been started in countries suitable to its growth. Prices have a downward tendency, and contract buyers are making difficulties about carrying out their contracts. Geranium oil can now hardly be grown at a profit. In Réunion the average price realised—viz., 16f. 50c. per kilo

(12s. 8d. per 2.2 lb.)—is below cost price. When the plantations were first started in the island virgin ground had to be cleared. The wood, brushwood, etc., cut down served as fuel for the distilleries, but now firewood has to be bought for the purpose, and this has cut away all profit at present prices. In 1906 32 tons was exported, in 1907 31 tons, and in 1908 34 tons. The distillation of vetiver is disappearing for the same reasons. The production dropped from 1,928 kilos. in 1906 to 1,201 kilos. in 1907, the prices averaging from 16s. to 17l. The above statistics are based on information obtained from planters and others, no official figures being published.

#### London Drug Statistics.

The following statistics are compiled from information supplied by public warehouses. They relate to the receipts and deliveries of some of the leading drugs from and into the London public warehouses for the month of July and to the stocks on July 31:

	July		Stocks		1909	
	Landed	Delivd.	1909	1908	Imprtd.	Delivd.
Aloes.....cs. etc.	211	142	517	362	1,206	1,022
".....gourds	—	—	264	1,371	92	1,016
Aniseed, star.....cs.	—	—	—	124	—	74
Arrowroot.....pkgs.	2,436	793	8,107	9,272	8,247	6,560
Balsams... cks. etc.	36	48	468	452	519	413
Calumba.....bgs.	27	—	84	187	58	160
Camphor.....pkgs.	1,979	1,011	2,669	1,210	5,764	5,137
Cardamoms....."	642	328	1,568	1,295	3,325	2,638
Cascara sagrada tons	—	5	507	*	19	131
Cinchona.....pkgs.	404	745	4,154	4,599	3,451	3,480
Cocculus indicus ..	—	—	—	17	—	—
Cochineal....."	2	91	671	687	477	533
Cubets.....bgs.	17	1	70	165	55	105
Dragon's blood pkgs.	47	17	140	96	170	136
Galls....."	2	239	1,933	1,837	2,358	1,702
Gums—						
Ammoniacum ..	—	4	4	4	15	21
Animi ..	128	50	393	231	696	537
Arabic ..	1,312	1,122	7,120	6,635	6,391	4,973
Asafoetida ..	—	12	113	62	143	215
Benzoin ..	274	269	1,233	425	2,288	1,610
Copal....."	2,708	3,155	25,903	18,228	24,711	26,492
Damar ..	327	543	4,230	1,831	3,348	2,558
Galbanum ..	—	—	—	—	—	—
Gamboge....."	8	8	106	63	187	158
Guaiaacum ..	—	4	63	79	11	19
Kauri ... tons net	28	34	345	545	213	418
Kino.....pkgs.	2	41	36	116	2	84
Mastic ..	—	3	15	8	23	17
Myrrh....."	56	36	357	372	279	300
Olibanum ..	109	159	750	1,770	317	1,022
Sandarac....."	52	82	783	439	975	650
Tragacanth....."	489	1,202	7,119	4,902	11,209	8,279
Ipecacuanha—						
Cartagena ..	4	24	71	38	148	94
E.I. ("Johore") ..	—	—	3	26	18	20
Matto Grosso ..	12	28	59	67	123	175
Minas ..	5	5	6	67	22	36
Jalap.....bis.	11	10	28	29	42	28
Nuxvomica ..pkgs.	—	62	810	599	623	602
Oils—						
Aniseed, star.....cs.	9	5	53	28	79	55
† Cassia ..	—	2	103	100	120	87
Castor ..pkgs.	169	101	147	302	490	586
Coconut.....tons	81	132	273	679	497	1,683
Olive.....pkgs.	194	324	1,745	2,703	4,115	4,100
Palm ..tons	—	1	3	17	11	16
Quinine.....lb.	4,688	4,893	205,433	213,250	31,875	31,915
Rhubarb.....cs.	83	74	600	400	220	512
Sarsaparilla ..bis.	159	122	427	258	940	765
Senna ..pkgs.	260	165	709	689	2,199	2,500
Shellac.....cs.	7,619	4,444	45,453	34,545	30,851	33,519
Turmeric ..tons	39	41	283	283	211	158
Wax—						
Bees ..pkgs.	983	523	1,832	1,929	2,276	3,053
Vegetable(Jap) ..	—	136	788	93	1,270	664

\* No record.

† Stocks of essential oils at Smith's Wharf and Brewer's Quay are not included.

In his annual report on the trade of Berlin last year the British Consular representative (Mr. Schwabach) states that the decrease in turnover in the wholesale drug trade was also experienced in the retail, but that the policy adopted by makers of selling at fixed prices kept these almost throughout at a fair level. "Druggists," he says, "are turning more and more to manufacturing their specialties themselves. A Co-operative Purchases Association for toilet requisites and drugs was founded on October 1, 1908, which was to cover the whole of Greater Berlin, but towards the end of the year it extended its operations to the rest of the province of Brandenburg. The trade is at present considerably agitated by the efforts made by apothecaries with a view to obtaining legislation to restrict or even entirely prevent the sale by druggists of certain articles."



**TO CORRESPONDENTS.**—A letter for publication should always be a distinct communication; nothing else should be mixed up with it. Each query—no matter whether legal, dispensing, or general—should stand by itself, and the paper upon which it is written should always be backed with the shop stamp. We do not undertake to reply to queries by post. Write clearly and concisely on one side of the paper only. All communications should be accompanied by the names and addresses of the writers. Publication of letters does not imply our agreement with them. Letters received after Wednesday morning cannot as a rule be dealt with in the current week's issue.

**BUSINESS INFORMATION.**—We supply by post (when a stamped and addressed envelope is provided) information as to the makers or agents for articles connected with pharmacy and the chemical and drug trades. Inquiries regarding any articles which cannot be traced are inserted under "Information Wanted."

#### The Jubilee Number.

SIR,—Your Jubilee Number has just come in, and, from a hurried glance at its pages, we cannot help expressing our admiration of it.

Yours faithfully,

JOHN BELL, HILLS & LUCAS, LTD.

Tower Bridge Road, London, S.E.

SIR,—We take this opportunity of offering you our hearty congratulations upon this splendid production. Its contents reflect the highest credit upon both the editorial and publishing departments, and it is full of interest from cover to cover.

Yours faithfully,

Holloway, N. FLETCHER, FLETCHER & CO., LTD.

SIR,—Allow me to present my heartiest congratulations on the fiftieth anniversary of your important paper THE CHEMIST AND DRUGGIST, and for the publication of the Jubilee Number which I have received. I have looked through this number with the greatest interest, and compared it with the first number of the paper of the year 1859. It was a pretty idea to reproduce this first number and place it at the disposal of your readers. What an enormous progress your paper has made in these fifty years! Let me hope and wish that the development will still continue, and that you will long in strength and health enjoy your success.

I am, yours faithfully,

H. THOMS.

Berlin.

SIR,—It would be poor indeed to withhold from you that tribute of praise and admiration which the appearance of the Jubilee Number on Saturday last so pre-eminently deserves. It is a splendid effort of journalism, and a monument of "Something attempted, something done." You ought to feel satisfied, and though "Tis not in mortals to command success," you and your co-workers have done more—you have deserved it. I am delighted to offer you my most hearty congratulations. I do so with more than ordinary feelings, for the period synchronises with my connection with pharmacy. It was in September 1859 I made my first appearance in pharmacy, my indentures being signed in the February following (1860). This Jubilee Number, therefore, detailing the many striking changes during the past fifty years, is of the greatest interest to me. Most sincerely I wish you a long continuance of your ever-increasing prosperity, and—

"This above all: to thine own self be true;

And it must follow, as the night the day,

Thou canst not then be false to any man."

Yours very truly,

Gravesend.

R. FEAVEY CLARKE.

SIR,—In congratulating you on the issue of your Jubilee Number and Summer Issue, may I be permitted to correct a statement occurring in Mr. Johnson's *résumé* of the changes that have taken place in Kentish towns? Under Maidstone appears the name of Bunker, which, I think, must have been intended for "Bunter," the veteran of

"Nervine" fame, who, if I have been rightly informed, went to Maidstone from Devizes and relinquished the thorny path of pharmacy for the more lucrative one of dentistry. He was made a magistrate. His daughter married a well-known medical man in the town, and their eldest son was apprenticed to Messrs. Stonham & Son, and, I believe, was in business at Kingston-on-Thames. Mr. Johnson's reference to the Rev. Newnham Hall's father should have included the information that that worthy occupied the older part of the Kentish Bank, where he traded as a stationer and bookseller. Local tradition has it that he much enjoyed his bottle of port, and on one occasion, forgetting the sacredness of the Sabbath, took down his shutters and prepared for business on a Sunday morning as he had been accustomed to each day in the previous week.

Faithfully yours,

London, August 1.

J. W. SIMPSON.

SIR,—Allow me a word of congratulation on the occasion of the Jubilee of the *C. & D.* with issue of splendid commemorative number, and to wish you continued success and prosperity. My own connection with pharmacy runs alongside of that period for over forty years, and it seems as if the *C. & D.* was part and parcel of the same. Whether one regards the Jubilee Number itself as a work of literary merit, or taken along with the copy of first issue accompanying it by way of comparison, it is at once a splendid tribute to the management, past and present, and an object-lesson in business to every pharmacist into whose hands it may fall. For, after all, what is it that makes the *C. & D.* so welcome in so many pharmacies? Just that you come alongside pharmacists in everyday practical affairs; that while science and scientific affairs receive due prominence, yet, ever and above all, the need for "daily bread" has never been forgotten, and in its columns there are so many suggestions as to how to get it. These thoughts have been suggested by a preliminary look into the Jubilee Number. It will take a little time to digest it all. Meanwhile, again congratulating you on this important occasion and wishing you continued prosperity,

Faithfully yours,

Dunfermline, August 2.

DAVID GILMOUR.

*Veteran* (126/63) hopes that the hungry journalist who was so eager for news that he would "be glad to receive" notices of deaths and failures (see p. 12 of No. 1) has been sufficiently gratified.

#### Irish Pharmaceutical Companies.

SIR,—In your last issue (p. 241) Mr. Richard Blair renews the correspondence. He does not, however, attempt to answer any of my arguments, but works in something about "a small mind," which I suppose he wishes to apply to me. Well, these little pleasantries do not break any bones, but there is no occasion for further correspondence on the subject, or for the introduction of personalities. The matter has to be dealt with in a different and more effective way, and the result is not in doubt.

Yours faithfully,

Belfast, August 4.

WILLIAM C. DOBBIN.

SIR,—I have carefully read Mr. Blair's and Mr. Dobbin's letters in yours of July 17 and 24. Mr. Blair is perfectly correct in wishing to conserve to pharmaceutical chemists the right of giving an indenture to apprentices after a certain number of years' service, as the correct training in the early years of pharmacy is the only guarantee that the candidates coming up for the Licence examination will make a better show than they have done during the past year. Take the last results in July. Six passed out of thirty-three, and I know some of the six were "second shots." I also know the standard of the examination is not higher than it has been for years; yet such a percentage tells badly against the way the candidates are prepared. Some of these must of necessity come from the drug firms who have much more money than scientific or pharmaceutical training. I am very thankful I served my time in a provincial town (Wexford) to a legitimate pharmaceutical chemist, the late R. C. Webb, as I learned more there in three years than I have had the opportunity of even seeing in twice as many years in large places; and I have pitied the apprentices in these houses, who spend the day putting up stock in the store, and perhaps in the



last six months are allowed to come into the compounding-room. If Mr. Dobbin chooses to sell his birthright, or, rather, examination-right, for a mess of pottage, that is no reason why others should do the same; and I, for one, will certainly support Mr. Blair in trying to retain some of the rights conferred on us by Acts of Parliament—which some of our very oldest members seem inclined to undervalue and give away. I see Mr. Wm. C. Dobbin was registered September 15, 1876, thirty-three years ago—immediately after the Pharmacy Act, 1875, came into force. In view of the suicidal competition going on in pharmacy in all Ireland, and the petty jealousies among our members, it is no wonder the outside public will try to bully us with impunity.

Yours faithfully,

Cork, July 25.

J. W. HARVEY.

SIR,—I read with considerable interest Mr. W. C. Dobbin's letter. It struck me that his rejoinder is lame indeed, especially so as Mr. Dobbin is esteemed as a gentleman possessing more than the average share of sound commonsense and business acumen. The fact is that the present movement of Irish companies is one solely for self-interests, without regard to the legal and vested rights of individual pharmacists. True it is that there are a goodly number of young men engaged with companies—some under a misapprehension of their position, others somewhat indifferent, while a few view with concern their position. Mr. Dobbin passes over very lightly Mr. Blair's parallel of "Lawyers Ltd." There is no mistaking the fact that the various Pharmacy Acts deal with the individual and place upon him similar restrictions and obligations as Acts of Parliament regulating the professions of law, medicine, etc. In the case of pharmacy the safety of the public is the first consideration, and then come in the rights of those qualified under the Acts. Look at the army of young men and maidens throughout Ireland who, relying upon the security of our Pharmacy Acts, have spent long weary years studying and acquiring the art, and most creditably have pushed forward in the profession. Is it just, right, or equitable that their claims under the Acts should be filched away without protest? The Legislature should stand for the best interest of the greatest number, not to remedy family, petty, or personal grievances. As Mr. Blair has well said, let all, whether R.D. limited companies or pharmacist limited companies (for this great question concerns all grades), take off their coats, as the humblest individual has to do, push forward in the path which leads to success, and become qualified.

Yours faithfully,

Belfast, July 27.

JUSTICE. (122/8.)

"Justice" argues at much greater length, but we cannot spare room for all that he says.—EDITOR *C. & D.*

#### Pharmacists' Parliamentary Fund.

SIR,—"Xrayser" in last week's issue of THE CHEMIST AND DRUGGIST invites some definite figures as to what will be the cost of running a candidate for Parliament: (a) if he fails, and (b) if he succeeds. I cannot see, if the election were a normal one with about an equal chance for both candidates, that the costs in either circumstance would be very different. I can, of course, conceive the circumstances of a constituency in which the candidate was practically bound to lose, and which might not cost him more than 100*l.* to fight; and, again, another in which the chances of winning were so good as to cost 10,000*l.* But these constituencies are not normal, and the difference in the figures is explained by the grant from the party fund in the first case and contribution to the party fund in the other. Generally speaking, and subject to "Xrayser's" correction, I should say that the expenses of a given candidate would not vary very much whether he were the winner or the loser in the fight. When we come to "Xrayser's" estimate of the amount we must raise, I most emphatically endorse his total of 1,000*l.* per candidate, and that is why I have always had 2,000*l.* in my mind's eye as the amount to be raised. And, after all, what is 2,000*l.*? It seems a lot of money to us poor little people who find it a struggle to make both ends meet, but what does it amount to among us all? Half-a-crown per head! That's all. There are about sixteen thousand persons on the register, and if these were miners, dock labourers, boiler-makers, or what-not, we

should have no anxious thoughts whether we should obtain our 2,000*l.* or not. But we are pharmacists, a whipped and cowed lot, and the mournful pessimists laugh at the idea of our being able to raise 2,000*l.* Well, I, for one, and I hope "Xrayser" will join me, decline to believe that our people are so utterly beaten. I am enclosing a preliminary list of those who have paid their subscriptions. [We refer to this on p. 260.—ED.] I should be glad if those who have already promised help will send on their subscriptions; and to the reader of these lines I want to say: "Have you done anything? If not, do it now."

W. J. UGLOW WOOLCOCK, Secretary.

Pharmacists' Parliamentary Representation Committee,  
17 Bloomsbury Square, W.C.

#### Store v. Private Assistants.

SIR,—The letter of "Athos" in your issue of July 31, p. 241, is more correct than many I have seen on the subject. My experience is that the man Mr. Boot wants is the ambitious, energetic, and clever one, and that the treatment accorded is good. Many chemists with small capital are immeasurably better off with his company than they would be if in business on their own account. I strongly endorse the last remark of "Athos" that private firms do not yet see that a good man will generally more than earn any extra salary he may receive. However well drilled a man may be, he must, with Mr. Boot's firm, justify his position, and this affords ample scope for what fighting instinct he may possess. I speak from some years' experience with the company.

Yours faithfully,

MANCUNIAN. (125/65.)

SIR,—Boots' men have a lot to learn, both before they go to Jesse and after they leave him (*e.g.*, 9*s.* 4*d.* per cwt. = 1*d.* per lb.; 14*s.* per cwt. = 1½*d.* per lb.). I was twelve years with Boots, enjoying every day of it, and regretting to break such an old association when I left. What "Verb. Sap." says is perfectly true: the experience is simply Boots' trade; and I often regret that my experience was not more varied. It is also true that Boot has 500 of the best men. His shops are big and the rents high; doing a big business, he needs steady men. But the 500 big private shops have each got one good man; plus 500 developing = 1,500: really all that are worth having out of 4,500 men not in business for themselves. The fascination of Boots' shops to me was the crowd of customers, the order, system, cleanliness. I was saving heaps of money and was treated like a favourite son: why should I leave? It is profitless to discuss further Boot and his men, unless it is to correct wrong impressions; but it is very interesting to me to see trade opinion on company shops change so completely in the sixteen years since I went to Boots. In 1893 I was told, "No private chemist will employ you after this." In 1909 Mr. Ashton, of Brighton, says, "By all means get store experience—get every kind of experience." That last sentence is specially sound: few men can risk relying on any one class of experience, because when you come to buy a business you have to buy where they are for sale, and the trade is so varied that the only safe plan is, See as much as you can.

In regard to teaching of apprentices by examinations held by local associations (as at Blackpool), I pointed out years ago that this was the only safe ground on which all local men could unite. Prices, closing-hours, etc., are only partially successful as common ground, and local associations are in consequence reduced to whist-drives; but I predict that in a few years we shall all be following Lancashire's lead, and the benefit will be immense and immediate to men and masters alike. I wasted my five years' apprentice-time—scarcely ever opened a book—and at the end I was very little better off in knowledge than my present two-year apprentice. What is needed is the spur of competition with other local young men to keep the student going ahead. Boots' big trade in drugs brought me difficulties which showed me my tremendous ignorance. My first introduction to the Editor of the *C. & D.* was when I sent him a big notebook which I had compiled on "Drug Notes," got by reading up the replies to correspondents in ten years' back numbers of the *C. & D.* Our very safety as a trade lies in diversity of business: the queerest side-lines are pushed on to the chemist by the public because he is supposed to be a scientific man. The grocers are recognising this, and their

examination is really a capital test of general trade knowledge. We can only keep ahead of them by specialising in diversity. Our examination is already crowded with scientific work, mostly too academic and "high-falutin" instead of commercial; but local examinations and the Fairchild Scholarship can quite easily tackle (1) business methods, (2) general knowledge, and (3) the genesis of side-lines, and for that purpose a book is required. We do not need a new title: we have that already in "Modern Business Methods," which Mr. Ashton, of Brighton, is good enough to admire. Fresh editions of that book, contributed to by chemists doing widely varied trade, will keep us up to date, and if written with the proper "snap" it will be a welcome book to all.

The drug-trade has passed through twenty-five years' modernising, and surely our past errors should enable us to formulate a safe policy which we can teach our apprentices, instead of allowing them to waste time over obvious things as we have often done. For twenty-five years our Pharmaceutical Council has been practically dormant, waiting for two things which will not happen in our day—(1) the failure of Jesse and (2) the return of dispensing. During all that time the earning-power of many young men has been curtailed by the miscading letters in trade journals and by silly advice from false prophets who pose as trade leaders. In wages alone 50*l.* a year has been lost by scores of men who were led wrongly to believe that the stores agreement was unfair. I say, Sign it by all means unless it is your native town, in which case get them to shift you, but get the wages. If peculiar local circumstances make three years and three miles seem excessive, get them to cut it down by a half or a third, but do not expect any employer to nurse you for years on good pay until the shop across the way is up for sale. Play the game, and if they ask you to shift to various towns, do not allow sentimental ideas of courting to stop you: absence maketh the heart grow fonder (even of another), and I look back with pleasure on the score of towns in England in which I have worked. The headmaster of Manchester Grammar School bewails the fact that business men do not appreciate the scholars he is turning out. Let him, and others, drop some of the "high falutin" subjects. We have mis-educated for years, says Sir John Gorst. Let schoolmasters teach the useful common subjects which develop ideas, resource, and quickness, and business men will compete for the services of their pupils. The country is full of dons and snobs looking for soft jobs.

JAY MACK.

#### Apothecaries' Hall Examination.

SIR,—As I happened to be successful in obtaining the Assistants' certificate of the Apothecaries' Hall in 1884, a few remarks respecting the examination at that time and its comparison with the Minor examination of a nearly similar period may be interesting to the present controversy. If I may be pardoned for seeming to be egotistical, I will say that I read up for the Apothecaries' Hall examination at the age of sixteen (I had already passed the Pharmaceutical Preliminary) without any assistance beyond books. I went up to London a week before the examination and spent most of each day at Kew Gardens applying my botanical knowledge (one correspondent in this week's *C. & D.* seems to think that botany was never a subject of this examination); during each evening I spent part of the time reading the autograph prescriptions in the library of the Pharmaceutical Society, the other part in critically examining the materia medica specimens in the museum. I was examined throughout by one examiner, who commenced by asking me to read some autograph prescriptions from a book. He then selected one or two and went over each line *seriatim*—*e.g.*, magnes. sulph., its chemical formula, how made, what is the dose, what other chemical does it resemble? Potass. iodid., tinct. nucis vom., etc., in a similar manner. Vin. colchici—dose, what is it given for? At this point the examiner apologised, and said he should not have asked me that, as it came under the head of therapeutics. From this he passed on to materia medica—there was a very extensive collection of fine specimens—and selected a number in a similar manner as at the Minor examination, but required much less information, simply ordinary and Latin names, habitat, N.O., and preparations. At that time the requirements in botany seemed to be more

advanced than was required for the Minor, as the distinguishing characteristics of eighteen to twenty natural orders had to be practically known. About forty minutes were occupied in running all through, and I received the document notifying my success before leaving the building. It was presented with considerable formality by the Chairman, who said he hoped I would realise the great responsibility of dispensing medicines. So much regarding this examination. I subsequently kept up my studies, twice taking the prize in the "Corner for Students" competition. I studied for nearly two years for the Jacob Bell Scholarship. Three and a half years after passing the Apothecaries' Hall examination I entered for the Minor and was rejected for weakness in one subject, which of course I managed to pull up in the subsequent three months, most of which time I spent at a London school of pharmacy. From the above facts the relative stringency of the two examinations from 1884 to 1887 can be readily seen. Why should an examination that I could easily pass by self-study at seventeen and a half be accepted as anything at all approaching an examination which rejected me three and a half years later; the interim being occupied with regular study and considerable experience in dispensing and practical pharmacy? There is no reason whatever.

Liverpool.

J. G. WALLBRIDGE.

#### Legal Queries.

Before submitting questions for reply in this section please refer to the "*C. & D. Diary, 1909*" for the following subjects: Income-tax, p. 220; Pharmacy Law and Poisons, p. 216, (abroad) p. 211; Spirit Laws, p. 229; Stamped Medicines, p. 221; Trade-marks, p. 194; Wines, Sale of, p. 231; and Legal matters generally, p. 233.

*D. A.* (123/39).—The child's father is liable for the damage which the child did to your window, whether you or your landlord has to repair it. The agreement or lease will tell you whether you or the landlord has to make the window good.

*O. and O.* (123/8).—It is not legal to make iodine liniment with methylated spirit without the express permission of the Board of Customs and Excise. Pharmaceutically the preparation is bad, being intensely irritating to the eye and skin, owing to combination of the iodine with acetone and other constituents of the spirit.

*G. E. O.* (112/34).—(1) An appeal is pending. (2) Limited companies trading as chemists and druggists are prohibited from using the titles pharmaceutical chemist, pharmacist, and pharmacist. "Use" in this connection appears to refer to the description of the company—*e.g.*, "Boots Cash Chemists" is use of the title "chemists." The question as to whether or not such companies may legally use the titles of their managers depends upon the manner of use—*e.g.*, we think it legal for a company to say "under the management of a fully qualified pharmaceutical chemist" when a Major person is employed; "under the management of a fully qualified pharmacist" when a Minor person is employed; "dispensing by qualified pharmaceutical chemists" or "pharmacists," provided the titles are not used in such a way as to convey the impression that they appertain to the company. (3) "Why is not the certificate of qualification issued by the Pharmaceutical Society at the price of one shilling, which the holder pays, the property of the person who has paid for it? Is it possible for anything to happen to a person who loses the certificate in any way during the year? Cannot the Registrar be compelled by law to furnish any number of certificates, on payment of one shilling for each, in accordance with Section 13 of the Act of 1868?" [Section 13 provides for a certificate for use before all justices of the peace and others, hence the Pharmaceutical Council infer that they are not compelled to grant certificates to any registered person; but, reasoning from the provision in Section 7 of the 1852 Act as to certificates for pharmaceutical chemists (which, on application, must be granted for a fee of one shilling), and the 1868 provision, the Council have come to the conclusion that they may legally grant certificates to chemists and druggists. As the terms are not, in this case, prescribed by law, the Council have made their own terms—one shilling a year. The Registrar cannot be compelled by law to grant certificates.]

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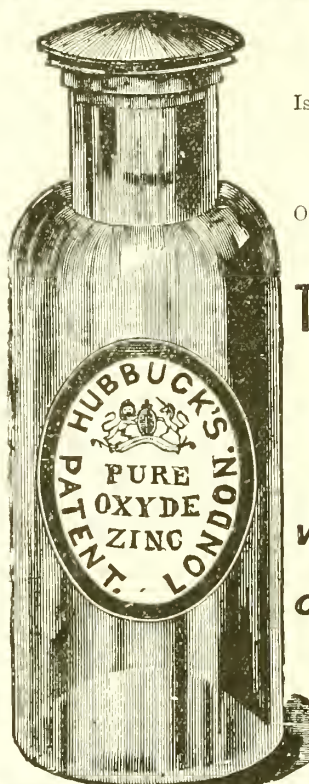
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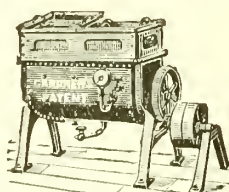
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- \*Acid Acet. Glacial, 99%, Carboys 144 lbs. @ 4 1/2 lb.; 12 6-lb. bots. @ 6 1/2 lb.; 6 lbs. @ 8d. Acid Acetylo-Salicyl, 56 lbs. @ 2/1 lb.; 7 lbs. @ 2/3 lb.; 1 lb. @ 2/5 lb.
- "Carbol Xtls, 39/40; 56 lbs. @ 5 1/2 lb.; 10-lb. Tins @ 5/6 each; Detached Cryst, 8/- each; 36 1-lb. Bots. @ 9d. lb.; Single Bots. 11d. lb.; Detached Cryst. 1 lb. @ 1/1 lb.; Crude Black, 45 Gall. Casks @ 10d. gall.; 1 Gall. Tins @ 1/5 each.
- "Oxalic Cryst., 5 cwt. @ 3 3/4 lb.; 1 cwt. @ 3 1/2 lb.; 14 lbs. @ 4d. lb.
- "Salicyl. pulv., 1 cwt. @ 1/1 lb.; 28 lbs. @ 1/3 lb.; 7 lbs. @ 1/3 lb.; phys. pure, 1 lb. @ 3/4 lb.
- "Tart. cryst. or pulv., B.P. 1885, 1 cwt. @ 10 1/2 lb.; 7 lbs. @ 11 1/2 lb.; parv. 1/2 lb. extra.
- Adops Lanæ B.P., Anhydrous, 2 cwt. @ 52/6 cwt., Hydrous @ 49/- cwt.; 1 cwt. @ 2/- cwt., 28 lbs. @ 8/- cwt., 14 lbs. @ 8/- cwt., 7 lbs. @ 12/- cwt. extra.
- Ammon. Benz., 7 lbs. @ 2/8 lb.; 1 lb. @ 3/- lb.
- Ammon. Brom., P.B., 1 cwt. @ 1/1 1/2 lb.; 7 lbs. @ 1/3 lb.
- Ammon. Carb. lump, 3 cwt. @ 3 3/4 lb.; 28 lbs. @ 4 1/2 lb.; 7 lbs. @ 5d. lb.; powder, 1/2 lb. extra.
- Ammon. Chlor., 99% pulv., 1 cwt. @ 33/- cwt.; 7 lbs. @ 4d. lb.; Batteries, 4/- cwt. extra.
- Antim. Nig. pulv., 1 cwt. @ 25/6 cwt.; 14 lb. @ 33/- cwt.
- \*Aqua Anethi Cono., 1-40, 1 lb. @ 2/11 lb.
- "Anisi Cono. 1-40; 1 lb. @ 3/1 lb.
- "Cinnam. Cono. 1-40, 1 lb. @ 3/4 lb. [7d. lb.]
- "Aurant. Trip., 53 lbs. @ 17/6; 6 lbs. @
- \*Chloroform, pure B.P., 12 8-lbs. @ 1/7 1/2 lb.; 8 lbs. @ 1/8 1/2 lb.; 6 1-lb. bots. @ 1/10 1/2 lb. Chlorophyll, 7 lbs. @ 5/- lb.; 1 lb. @ 5/9 lb.
- Cocaine Hydrochlor. P.B., 25 ozs. @ oz.; 4 ozs. @ 7/10 oz.; 1 oz. @ 8/- oz.
- Codena, 1 oz. @ 10/4 oz.; Phosph., 1 oz. @ 8/5 oz.; Hydrochlor. or Sulph. 1 oz. @ 9/6 oz.
- Colocynth. Apple, English ground, 1 cwt. @ 10 1/2 lb.; 28 lbs. @ 11d. lb.; 7 lbs. @ 10 1/2 d. lb.
- Composition Powder (Coffin's), 1 cwt. @ 58/- cwt.; 7 lbs. @ 7 1/2 lb.
- Conf. Sennæ P.B., 14 lbs. @ 8d. lb.; 7 lbs. @ 8 1/2 d. lb.
- Uream Tartar, 98 % powder, 1 cwt. @ 73/- cwt.; 7 lbs. @ 9d. lb.
- Croosotum Beechwood, P.B., 22 lbs. @ 1/7 lb.; \*7 lbs. @ 1/9 lb.
- Oreta c. Camph., 7 lb. @ 8d. lb.
- "Gall. Pulv., in sacks, 10 cwt. @ 6/- cwt.; 1 cwt. @ 7/- cwt.; 14 lbs. @ 1 1/2 lb.
- Oreta Preparata, 7 lbs. in box, 9d. each.
- \*Dec. Aloes Co. Conc. 1-2, 6 lbs. @ 2/4 lb. Sine croco, 6 lbs. @ 1/2 lb.
- \*Dec. Cinchona (Kubray) Conc. 1-7, 6 lbs. @ 1/10 lb.
- \*Dec. Sennæ Conc., 6 lbs. @ 2/1 lb.
- Eserine Sulph. in 15 grain tubes, 3/- each.
- Ess. Bergam. (Oil), 12 lbs. @ 14/- lb.; 1 lb. @ 15/6 lb., not guaranteed absolutely pure.
- Ess. Limonis (oil) original coppers, 12 lbs. @ 3/6 lb.; 6 1-lb. bots. @ 4/- lb., not guaranteed absolutely pure.
- \*Ess. Pear (artificial), Jargonelle, 5 lbs. @ 1/6 lb.; Bergamot, 2/6 lb.
- \*Ess. Pineapple, 5 lbs. @ 3/4 lb.
- "Vanilla Beans, 5 lbs. @ 4/4 lb.; 1 lb. @ 4/7 lb.
- Guaiaacol Carb., 7 lbs. @ 5/- lb.; 1 lb. @ 5/4 lb.
- Guaiaacol, pure, 1 lb. @ 3/6 lb.
- Gum Acacia sorts, 3 cwt. @ 38/- cwt.; 1 cwt. @ 45/- cwt.; 7 lbs. @ 5 1/2 lb.; English Ground Powder, No. 1, 1 cwt. @ 35/- cwt.; 7 lbs. @ 1/- lb.; No. 2, 1 cwt. @ 60/- cwt.; 7 lbs. @ 8d. lb.
- Gum Benzoin, Sumatra, 34 lbs. @ 1/4 lb.; 7 lbs. @ 1/6 lb.
- Gum Catechu, Nig. English Ground, 1 cwt. @ 50/- cwt.; 14 lbs. @ 6d. lb.
- Gum Guaiaci, 1 cwt. @ 10 1/2 lb.; 28 lbs. @ 1/- lb.
- Gum Juniper, 14 lbs. @ 9d. lb.
- Gum Tragac. Elect., English Ground, 7 lbs. @ 3/6 lb.; 1 lb. @ 3/9 lb.
- Honey, fine White Set, 28 lbs. @ 47/- cwt.
- Hydrokinone, 7 lbs. @ 3/4 lb.; 1 lb. @ 3/7 lb.
- Lin. Camph. P.B., 40 lbs. @ 10 1/2 lb.; 9 lbs. @ 11 1/2 lb.
- Lin. Sapo Meth., 9 lbs. @ 7d. lb.
- Lin. Tereb. Acet., B.P., 9 lbs. @ 1/- lb.
- Linseed o. Oil, Crushed, 3 cwt. @ 16/- owt.; 1 cwt. @ 16/6 cwt.
- \*Liq. Ammonii Acetatis Cono. 1-7, 6 lbs. @ 10 1/2 d. lb.; 1 lb. @ 10 1/2 lb.
- "Ammon. Aromat., 6 lbs. @ 9d. lb.
- "Antim. Chlor. Pure, 8 lbs. @ 6 1/2 d. lb.
- "Arsenicalis, B.P., 7 lbs. @ 4d. lb.; 1 lb. @ 7d. lb.
- "Arsenii Hydrochlor., P.B., 7 lbs. @ 4d. lb.; 1 lb. @ 7d. lb.
- "Bismuth. P.B., 6 lbs. @ 10 1/2 d. lb.
- "Copaiba Bucha et Outeb, 5 lbs. @ 2/6 lb.; 1 lb. @ 2/10 lb.
- "Easton., p.s. 1-3, B.P., 1 lb. @ 3/- lb.
- "Ferri Dialysatus, 6 lbs. @ 7d. lb.

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- \*Aqua Aurant. Cono., 1-40, 1 lb. @ 6/11 lb.
- "Rosæ Trip., 53 lbs. @ 17/6; 6 lbs. @ 7d. lb.
- "Rosæ Cono. 1-40, 1 lb. @ 6/- lb.
- "Samb. Trip., 53 lbs. @ 23/6; 6 lbs. @ 8d. lb.
- "Samb. Conc., 1-40, 1 lb. @ 6/11 lb.
- "Laurocerasi, 53 lbs. @ 17/6; 6 lbs. @ 7d. lb.
- "Menth. Pip. Cono. 1-40, 1 lb. @ 3/- lb.
- Argent. Nit., 6's to oz., 25 oz. @ 1/8 1/2 oz.; 1 oz. @ 1/10 oz.
- "Cryst., 25 oz. @ 1/6 oz.; 8 oz. @ 1/7 oz.
- Bals. Copaiba pure, 44 lbs. @ 2/2 lb.; 9 lbs. @ 3/4 lb.; 1 lb. @ 2/8 lb.
- Bismuth, P.B. Carb., 14 lbs. @ 7/9 lb.; 3 lbs. @ 8/11 lb.; snbit., 1/- lb. less.
- Caffeina Cit. B.P., 1 lb. @ 10/- lb.
- Calamine B.P., 7 lbs. @ 9d. lb.
- Calcii Carb. precip., 5 cwt. @ 14/6 cwt.; 1 cwt. @ 17/- cwt.; 28 lbs. @ 19/- cwt.
- "Hydras, P.B., 1 cwt. @ 25/- cwt.; 7 lbs. @ 5d. lb.
- "Hypophosph. Pur. P.B. 1 lb. @ 2/3 lb.
- "Iodid., 1 lb. @ 14/6 lb.
- Camphor, English Flowers, "not artificial," 5 lbs. @ 1/11 lb.; 1/2 oz. 1 lb. @ 2/1 lb.; 1/4 oz. 7 lbs. @ 2/4 lb. Crude, 140 lbs. @ 1/4 1/2 lb.; 28 lbs. @ 1/6 lb.
- Capsicine, soluble, 1 lb. @ 6/6 lb.
- Carbo Animalis or Ligni, powder or lump, 1 cwt. @ 14/- cwt.; 28 lbs. @ 2d. lb.
- Carmine, Finest, 1 lb. @ 17/- lb.; No. 2, 1 lb. @ 13/- lb.
- Cera Alba, B.P., White Moons, 1 cwt. @ 1/6 1/2 lb.; 28 lbs. @ 1/7 1/2 lb.; 4 lbs. @ 1/8 lb. Flav. 1 lb. Blocks, 28 lbs. @ 1/6 1/2 lb.; 4 lbs. @ 1/7 1/2 lb.; 1 oz. 1/2 oz. Tabs., 7 lbs. @ 1/7 1/2 lb.
- Cetaceum: No. 1, fine white, 64 lbs. @ 1/4 lb.; 7 lbs. @ 1/6 lb.; powder, 7 lbs. @ 1/10 lb.
- Chloral Hydras Cryst. B.P., 7 lbs. @ 4/5 lb.; 1 lb. @ 4/9 lb.
- \*Chlorodyne, 5 lbs. @ 1/11 lb.
- \*Ext. Belladonna Liq. B.P., 5 lbs. @ 4/7 lb.; 1 lb. @ 5/- lb.
- Ext. Cascara Sag. Liq., B.P., 10 lbs. @ 1/2 lb.
- \*Ext. Ergot. Liq. P.B., 5 lbs. @ 3/1 lb.; 1 lb. @ 3/4 lb.
- "Glycyrrh. Liq. B.P., 6 lbs. @ 1/6 lb.
- "Hamamelis, Liq. P.B., 5 lbs. @ 3/5 lb.
- Ext. Hyoscyam., Solid, B.P., 3 lbs. @ 6/- lb.; 1 lb. @ 6/9 lb.
- \*Ext. Ipecac. Liq. P.B., 5 lbs. @ 11/- lb.; 1 lb. @ 11/9 lb.
- \*Ext. Nucis Vom. Liq. B.P., 5 lbs. @ 3/3 lb.; 1 lb. @ 3/6 lb.
- "Quassia, Solid, 7 lbs. @ 6/- lb.; 1 lb. @ 6/4 lb.
- Ext. Sarsæ Co. Solid; 7 lbs. @ 4/- lb.; 1 lb. @ 4/6 lb.
- Ferri Ammon. Cit., B.P., 28 lbs. @ 1/4 1/2 lb.; 7 lbs. @ 1/7 lb.
- Ferri et Quinina Cit., P.B.; 500 ozs. @ 3d. oz.; 100 ozs. @ 3 1/4 oz.; 25 ozs. @ 3 1/2 oz.
- Flor. Anth. Exot., 1 cwt. @ 48/-; 7 lbs. @ 6 1/2 lb.
- Fol. Hyoscyam. B.P., 7 lbs. @ 6/- lb.; pulv., 5/- lb.
- Fol. Sennæ Tinne, 3 1/2 cwt. @ 2 1/2 lb.; 1 cwt. @ 3 1/2 lb.; 7 lbs. @ 3 1/2 lb.; English Ground, 1 cwt. @ 5 1/2 lb.; 56 lb. @ 6d. lb.; 7 lbs. @ 7d. lb.
- Formaldehyde, 40%, 132-lb. Carboys @ 52/- each; 7 lbs. @ 7 1/2 lb.
- Gingerine, Extra, 5 lbs. @ 9/6 lb.; 1 lb. @ 10/- lb.
- \*Glycerin, Acid. Boric P.B., 6 lbs. @ 1/2 lb.
- \*Glycerin, Acid. Carbolic P.B., 6 lbs. @ 1/2 lb.
- "Acid. Tannic, P.B., 6 lbs. @ 1/2 lb.
- "Belladonna B.P.O., 6 lbs. @ 2/6; 1 lb. @ 2/9 lb.
- "Boracis P.B., 6 lbs. @ 11d. lb.
- Glycerin, Peppine Acid P.B., 1 lb. @ 3s. lb.
- \*Glycerine Plumbi, subact., P.B., 6 lbs. @ 1/4 lb.
- \*Liq. Ferri Iod. p.s. 1-7, 1 lb. @ 5/9 lb.
- "Ferri Perchlor. Fort. P.B., 7 lbs. @ 4d. lb.
- "Ferri Phosph. Co. p.s. 1-7, 7 lbs. @ 1/6 lb.
- "Hypophosph. Co. p.s. B.P.O., 1 lb. @ 3/4 lb.
- "Iodi Fort. B.P., 5 lbs. @ 4/9 lb.
- Manna, fine flake, 14 lbs. @ 2/8 lb.; 7 lbs. @ 2/10; 1 lb. @ 3/4 lb.
- Morphine Acet. Hydrochlor. or Sulph., Pulv., B.P., 25 oz. @ 5/11 oz.; 16 oz. @ 6/- oz.; 8 oz. @ 6/2 oz.; 1 oz. @ 6/6 oz.
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- Sodii Bromid. P.B., 1 owt. @ 10 1/2 lb.; 7 lbs. @ 1/2 lb.
- Soda Cit. B.P., 3 lbs. @ 1/10 lb.
- Soda Salicyl. Pulv., 1 cwt. @ 1/5 lb.; 28 lbs. @ 1/6 lb.; 7 lbs. @ 1/7 lb.; phys. pur., 28 lbs. @ 2/2 lb.; 1 lb. @ 2/5 lb.
- Soda Sulphite Recryst., 1 cwt. @ 1 1/6 cwt.; 7 lbs. @ 2 1/2 lb.
- Soda Sulphocarbolas B.P., 7 lbs. @ 10 1/2 lb.; 1 lb. @ 1/1 lb.
- \*Spt. Ethier Nit. P.B., 4 1/2 lbs. @ 3/6 lb.; 1 lb. @ 3/9 lb.
- \*Sp. Ammon. Aromat. P.B., 5 lbs. @ 2/8 lb.
- \*Spt. Chloroformi, P.B., 5 lbs. @ 3/7 lb.
- Strychnina cryst. B.P., 25 ozs. @ 1/6 1/2 oz.; 1 oz. @ 1/10 oz.; Hydrochlor. and Nitrate, 2d. oz. less.
- Sugar of Milk, B.P., 1 cwt. @ 41/- owt.; 7 lbs. @ 6d. lb.
- Sulphonol B.P., 1 lb. @ 9/6 lb.
- \*Syr. Aurant. P.B., 7 lbs. @ 8d. lb.
- \*Syr. Easton B.P., 7 lbs. @ 1/- lb.

\*Minimum quantity at these prices, Home Trade, 8 Winchester Quarts assorted. Export, 12 Winchester Quarts assorted.

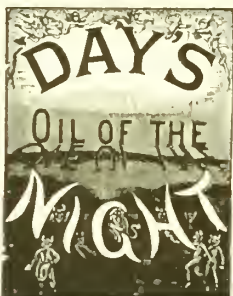
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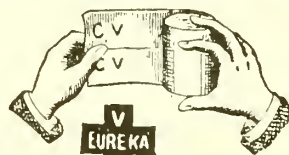
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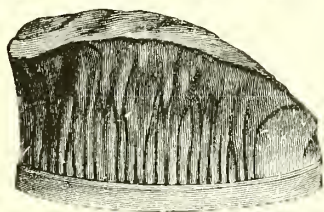
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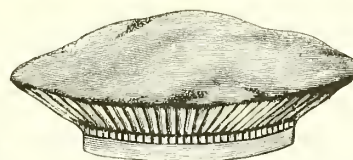
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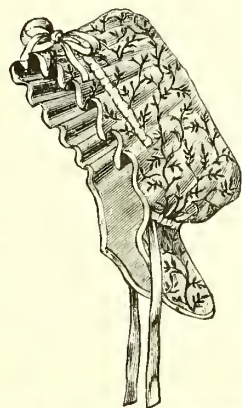




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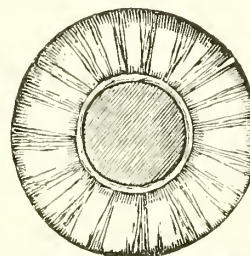
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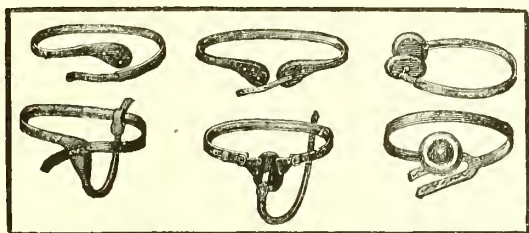
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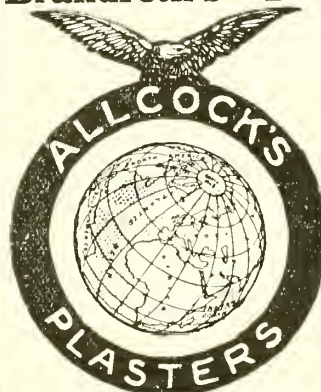
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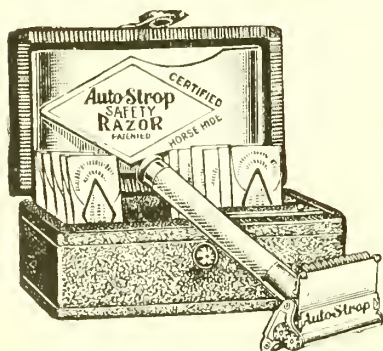
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These products are made by the Ammonia Process, and are distinguished from others by their great purity.

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This sodium compound (sodium sesquicarbonate) is a variety of carbonate of soda in small silky crystals, containing much less water than ordinary washing soda; 1 lb. of it does the work of 2 lbs. of washing soda. Concentrated crystal soda is excellently suited for chemists' trade; they can make a speciality of it, and it is also suited for making water-softeners brush powders, hair-wash powders, and the like.

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A dry white powder; dissolves quickly and easily in water, making an excellent detergent for use by printers, bleachers, dyers, and for bottle washing. Is nearly equal to 99 per cent. carbonate of soda; is much used by glass, paper, and soap makers. The best alkali for soap powders and washing powders.

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Boil a pint of New Milk, cool to blood heat, skim, add three or four Tablets previously crushed, put into three tumblers as shown in illustration, or, if preferred, into a basin, place in top of apparatus with warm water, leave for ten hours with night light burning. Then pour off whey and leave until morning. Eat the curds with castor sugar, preferably before breakfast. Never use the curds after the first day.

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For Constipation and Disorder in the Stomach and Intestines.

Quite a Sweetmeat.

Taken Readily by Children.

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